

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING


FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER CWU 1431-15D		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT NATURAL BUTTES		
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO				5. UNIT or COMMUNITIZATION AGREEMENT NAME CHAPITA WELLS		
6. NAME OF OPERATOR EOG Resources, Inc.				7. OPERATOR PHONE 435 781-9111		
8. ADDRESS OF OPERATOR 1060 East Highway 40, Vernal, UT, 84078				9. OPERATOR E-MAIL kaylene_gardner@eogresources.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU0283A		11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	661 FSL 1836 FEL	SWSE	15	9.0 S	22.0 E	S
Top of Uppermost Producing Zone	1355 FSL 2039 FEL	NWSE	15	9.0 S	22.0 E	S
At Total Depth	1355 FSL 2039 FEL	NWSE	15	9.0 S	22.0 E	S
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 1355		23. NUMBER OF ACRES IN DRILLING UNIT 1360		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 760		26. PROPOSED DEPTH MD: 9608 TVD: 9580		
27. ELEVATION - GROUND LEVEL 4840		28. BOND NUMBER NM2308		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-225		

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
NAME Kaylene Gardner	TITLE Regulatory Administrator
SIGNATURE	DATE 05/19/2009
PHONE 435 781-9111	EMAIL kaylene_gardner@eogresources.com
API NUMBER ASSIGNED 43047503110000	APPROVAL  Permit Manager

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	2500		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	2500	36.0			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	4.5	0	9669		
Pipe	Grade	Length	Weight			
	Grade HCP-110 LT&C	9669	11.6			

T9S, R22E, S.L.B.&M.

EOG RESOURCES, INC.

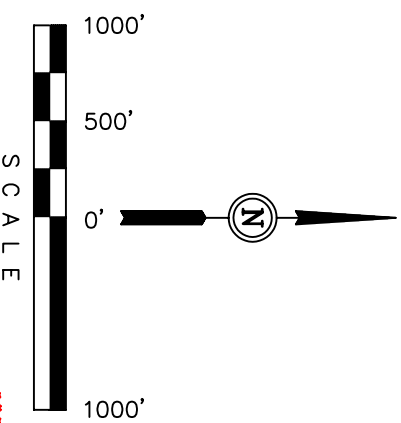
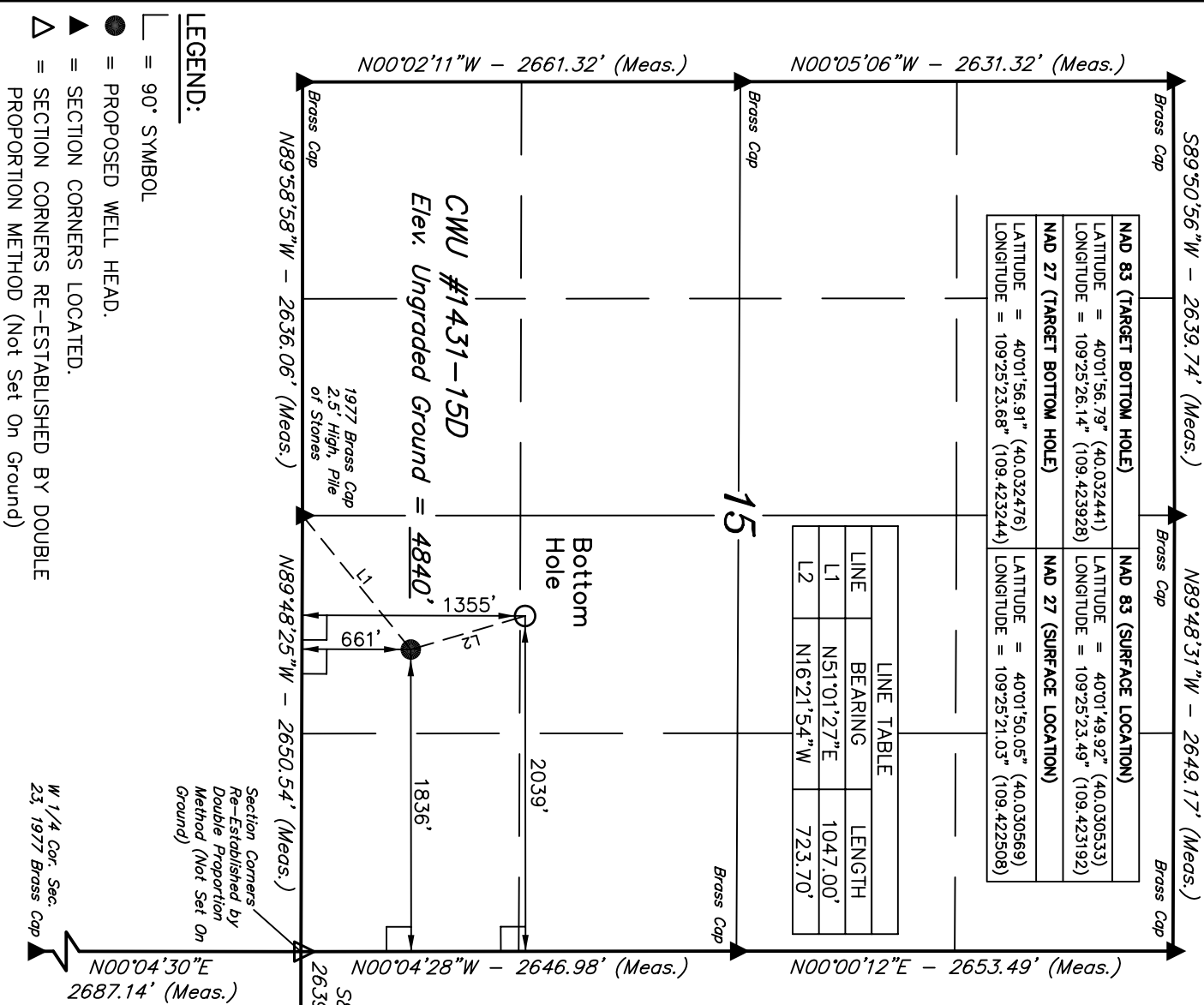
Well location, CWU #1431-15D, located as shown in the SW 1/4 SE 1/4 of Section 15, T9S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

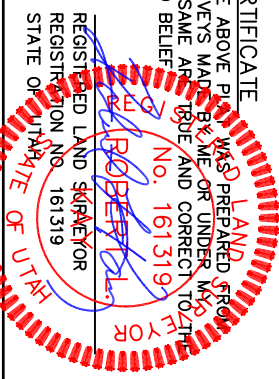
BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M., TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
No. 161319



UNTAH ENGINEERING & LAND SURVEYING
86 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'

PARTY: C.R. S.B. D.P. REFERENCES: G.L.O. PLAT

WEATHER: HOT FILE: EOG RESOURCES, INC.

DATE SURVEYED: 9-19-08 DATE DRAWN: 09-24-08

EOG RESOURCES EIGHT POINT PLAN

CHAPITA WELLS UNIT 1431-15D SW/SE, SEC. 15, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	MD-RKB (ft)	Lithology	Objective
Green River	1,735	1,742	Shale	
Mahogany Oil Shale Bed	2,388	2,399	Shale	
Wasatch	4,783	4,809	Sandstone	
Chapita Wells	5,370	5,399	Sandstone	
Buck Canyon	6,072	6,105	Sandstone	
North Horn	6,743	6,780	Sandstone	
KMV Price River	7,279	7,318	Sandstone	Primary - Gas
KMV Price River Middle	8,135	8,174	Sandstone	Primary - Gas
KMV Price River Lower	8,915	8,953	Sandstone	Primary - Gas
Sego	9,427	9,466	Sandstone	
TD	9,630	9,669		

Estimated TD: 9,669' MD or 200'± below TD

Anticipated BHP: 5,489 Psig

- Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
- Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig
BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	Hole Size	Length	Size	WEIGHT	Grade	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	26"	0 – 60' +/-	16"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0 – 2,500' KB± 200'	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	HCP-110	LTC	8650 PSI	10690 Psi	279,000#

Note: 12-¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2500' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

EOG RESOURCES EIGHT POINT PLAN

CHAPITA WELLS UNIT 1431-15D SW/SE, SEC. 15, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0' - 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface.

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, HCP-110 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Surface' - 2500± A closed mud system will be utilized with a gelled bentonite system. LCM sweeps, additions, etc. will be utilized as necessary.

Production Hole Procedure (2500'± - TD):

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2500'± - TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

EOG RESOURCES EIGHT POINT PLAN

CHAPITA WELLS UNIT 1431-15D SW/SE, SEC. 15, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

Production Hole Procedure (2500'± - TD)

Lead: 280 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 500 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.
Tail volume to be calculated to bring cement to 400'± above top of Price River.

Final Cement volumes will be based upon gauge-hole plus 50% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2500'±):

Lost circulation

Production Hole (2500'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

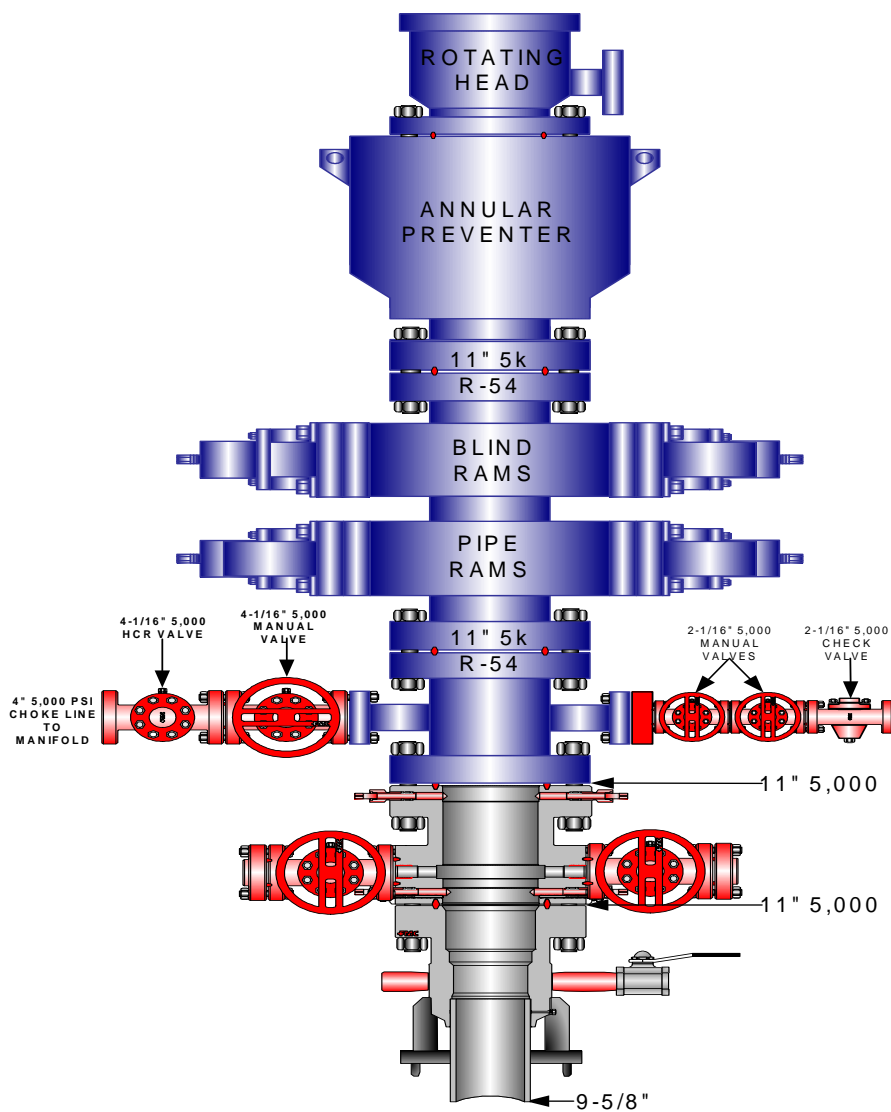
Attachment: BOP Schematic Diagram

EOG RESOURCES EIGHT POINT PLAN

CHAPITA WELLS UNIT 1431-15D
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M.
UINTAH COUNTY, UTAH

BOP DIAGRAM

EOG RESOURCES 11" 5,000 PSI W.P. BOP
CONFIGURATION



'APIWellNo:43047503110000'

Project: Uintah Co., UT
Site: Chapita Wells Unit
Well: CWU #1431-15D, Sec. 15
Wellbore: CWU 1431-15D
Design: Design #1

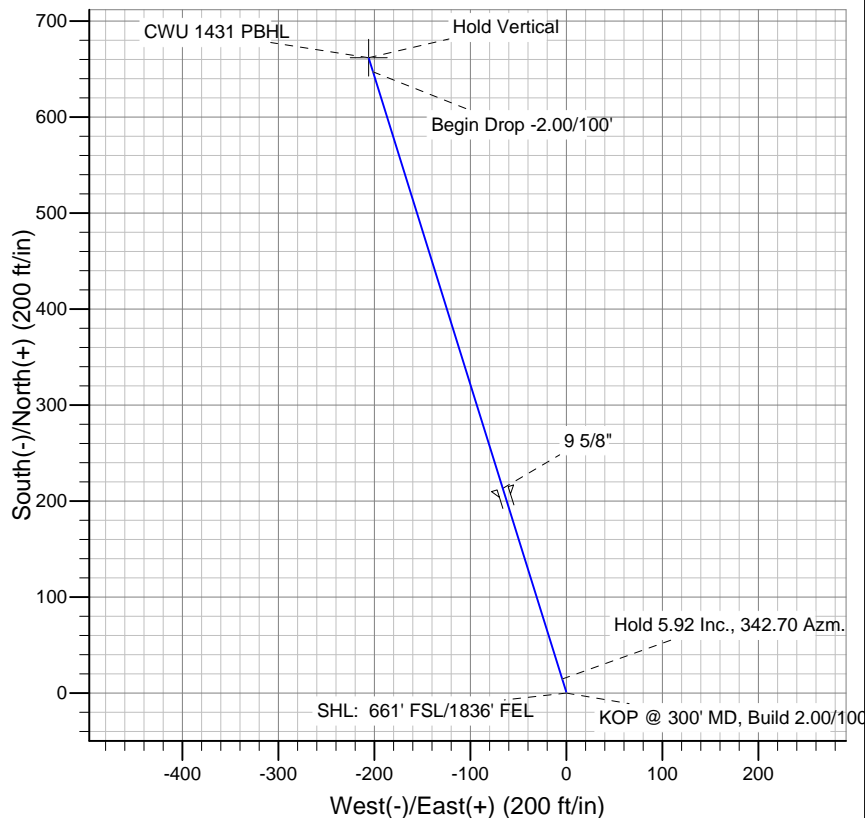
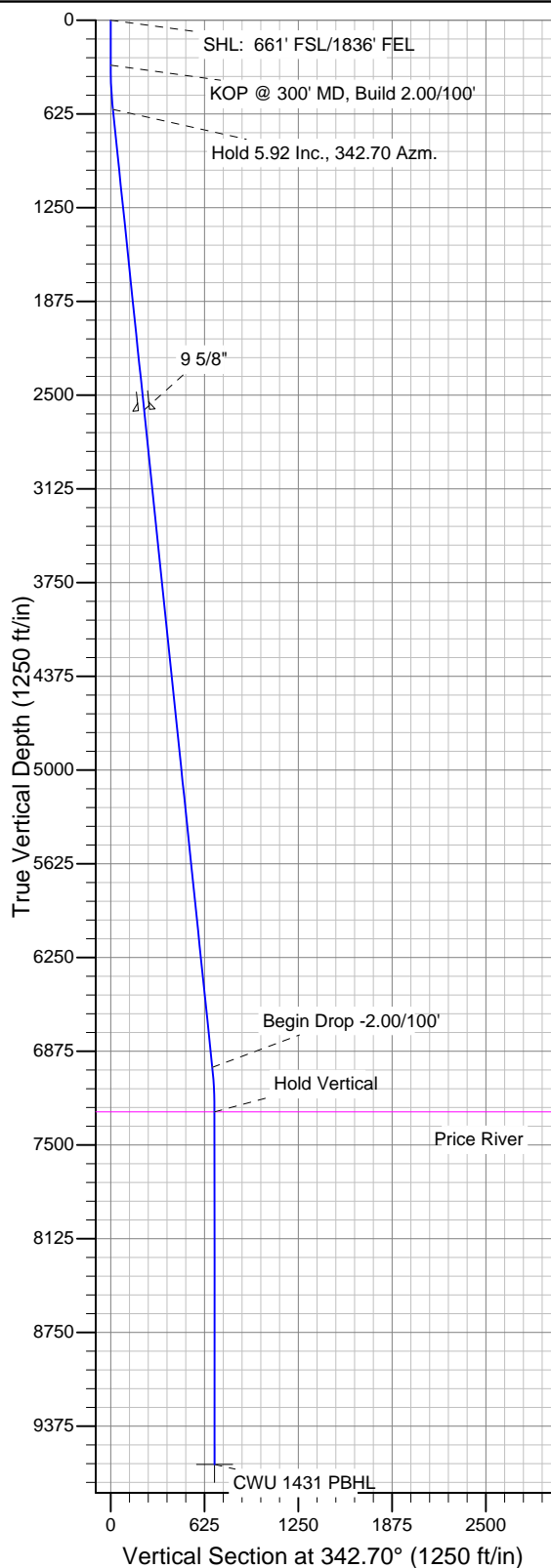


Azimuths to True North
Magnetic North: 11.35°

Magnetic Field
Strength: 52630.7nT
Dip Angle: 65.98°
Date: 2008/12/18
Model: IGRF200510

WELL DETAILS: CWU #1431-15D, Sec. 15

+N/-S +E/-W Northing Ground Level: 4840.00
0.00 0.00 624935.66 Easting Latitude Longitude Slot
2581684.20 40° 1' 50.05 N 109° 25' 21.03 W



ANNOTATIONS

TVD	MD	Annotation
0.01	0.01	SHL: 661' FSL/1836' FEL
300.00	300.00	KOP @ 300' MD, Build 2.00/100'
595.53	596.06	Hold 5.92 Inc., 342.70 Azm.
6983.47	7018.26	Begin Drop -2.00/100'
7279.00	7314.32	Hold Vertical

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
7279.00	7314.32	Price River

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	
3	596.06	5.92	342.70	595.54	14.59	-4.55	2.00	342.70	15.28	
4	7018.26	5.92	342.70	6983.46	647.14	-201.57	0.00	0.00	677.80	
5	7314.32	0.00	0.00	7279.00	661.73	-206.12	2.00	180.00	693.09	
6	9665.32	0.00	0.00	9630.00	661.73	-206.12	0.00	0.00	693.09	CWU 1431 PBHL

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
CWU 1431 PBHL	9630.00	661.73	-206.12	40° 1' 56.59 N	109° 25' 23.68 W	Point

CASING DETAILS

TVD	MD	Name	Size
2600.00	2611.28	9 5/8"	9-5/8



Plan: Design #1 (CWU #1431-15D, Sec. 15/CWU 1431-15D)

Created By: Chris kehl Date: 9:04, December 19 2008
Checked: Date: _____
Reviewed: Date: _____
Approved: Date: _____



Company:	EOG Resources	Local Co-ordinate Reference:	Well CWU #1431-15D, Sec. 15
Project:	Uintah Co., UT	TVD Reference:	WELL @ 4860.0ft (Original Well Elev)
Reference Site:	Chapita Wells Unit	MD Reference:	WELL @ 4860.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	CWU #1431-15D, Sec. 15	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	CWU 1431-15D	Database:	EDM 2003.21 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4860.0ft (Original Well Elev)

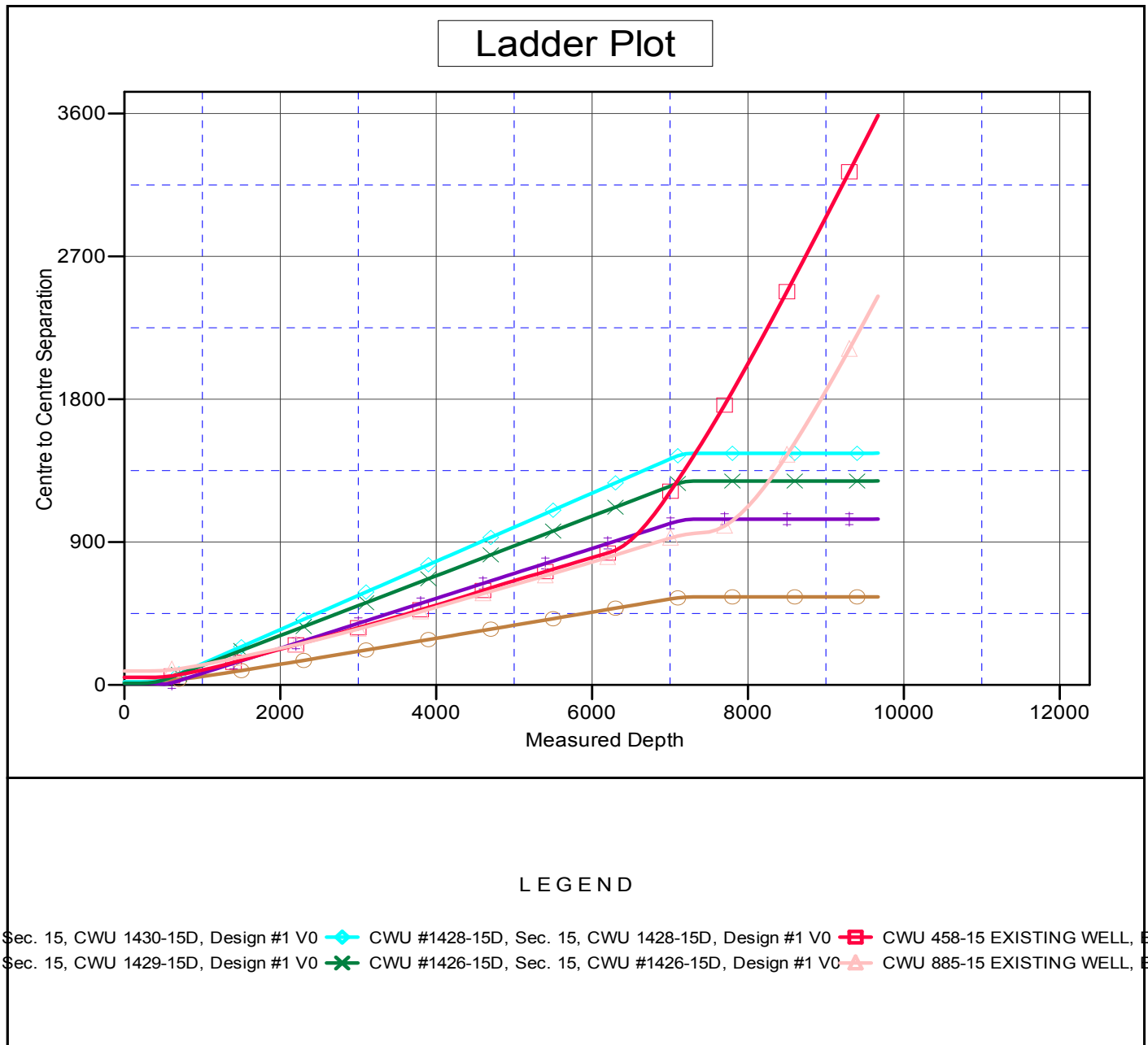
Coordinates are relative to: CWU #1431-15D, Sec. 15

Offset Depths are relative to Offset Datum

Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302

Central Meridian is 111° 30' 0.000 W °

Grid Convergence at Surface is: 1.33°





Company:	EOG Resources	Local Co-ordinate Reference:	Well CWU #1431-15D, Sec. 15
Project:	Uintah Co., UT	TVD Reference:	WELL @ 4860.0ft (Original Well Elev)
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Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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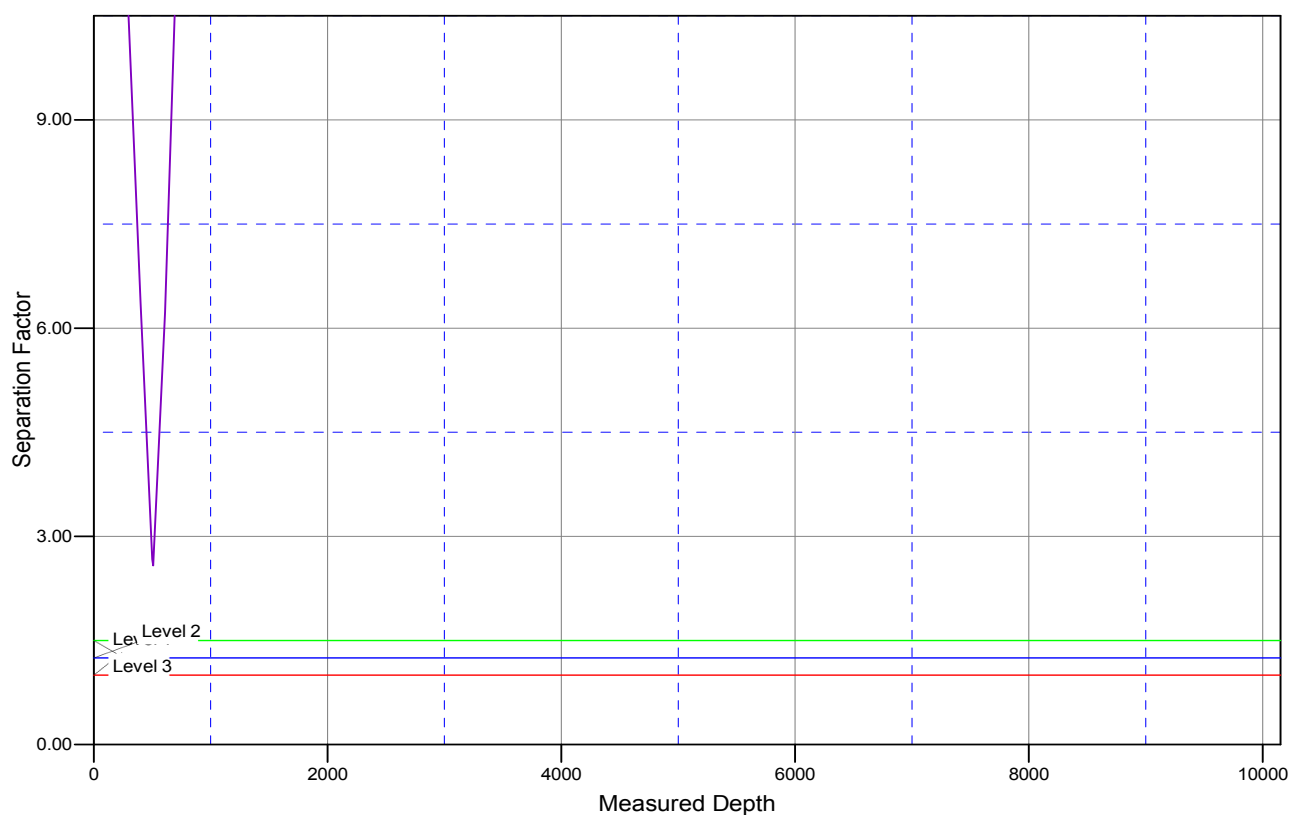
Central Meridian is 111° 30' 0.000 W °

Coordinates are relative to: CWU #1431-15D, Sec. 15

Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302

Grid Convergence at Surface is: 1.33°

Separation Factor Plot



LEGEND

, Sec. 15, CWU 1430-15D, Design #1 V0 CWU #1428-15D, Sec. 15, CWU 1428-15D, Design #1 V0 CWU 458-15 EXISTING WELL, Ex
, Sec. 15, CWU 1429-15D, Design #1 V0 CWU #1426-15D, Sec. 15, CWU #1426-15D, Design #1 V0 CWU 885-15 EXISTING WELL, Ex

EOG RESOURCES, INC.
CWU #1426-15D, #1428-15D, #1429-15D,
#1430-15D & #1431-15D
LOCATED IN UINTAH COUNTY, UTAH
SECTION 15, T9S, R22E, S.L.B.&M.

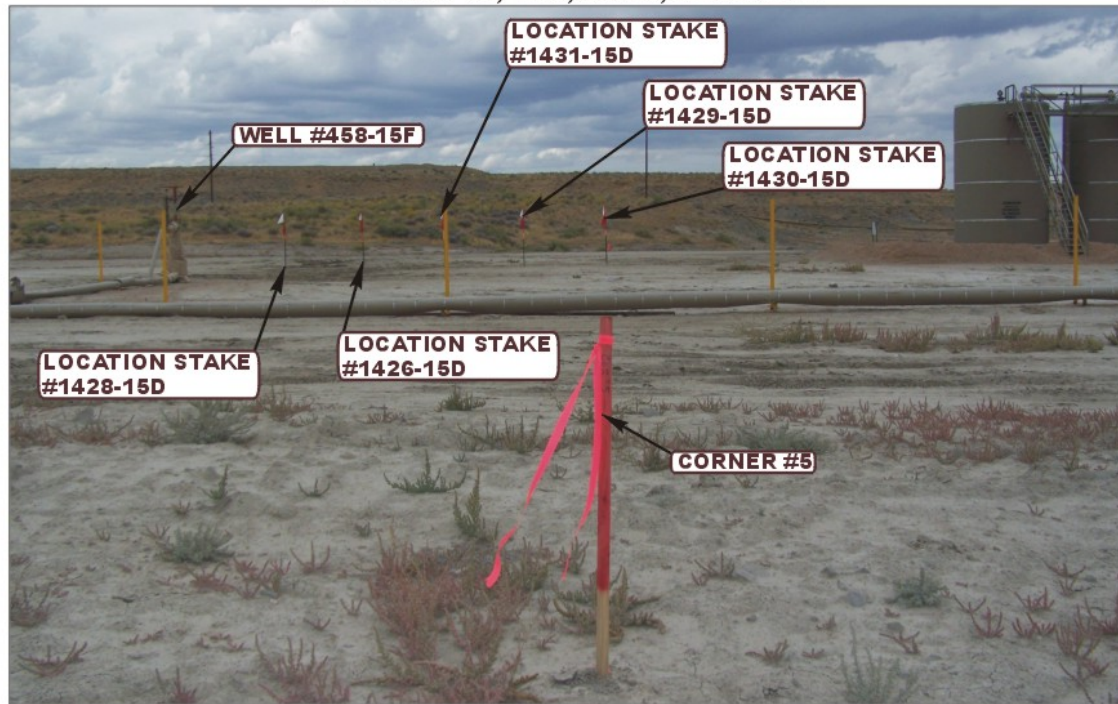


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHEASTERLY



U **E** **L** **S** Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

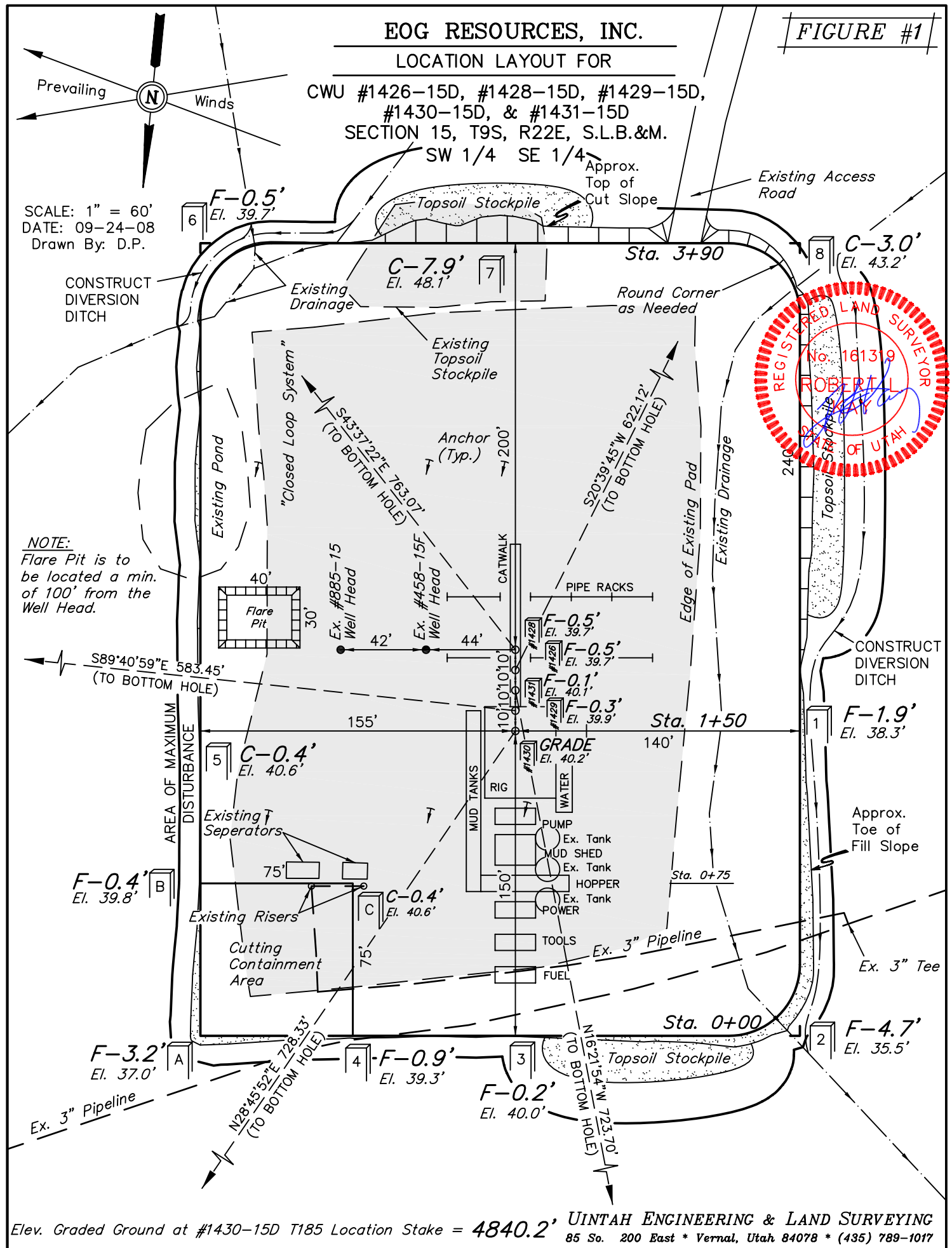
09 **25** **08**
MONTH DAY YEAR

PHOTO

TAKEN BY: C.R.

DRAWN BY: D.P.

REVISED: 00-00-00



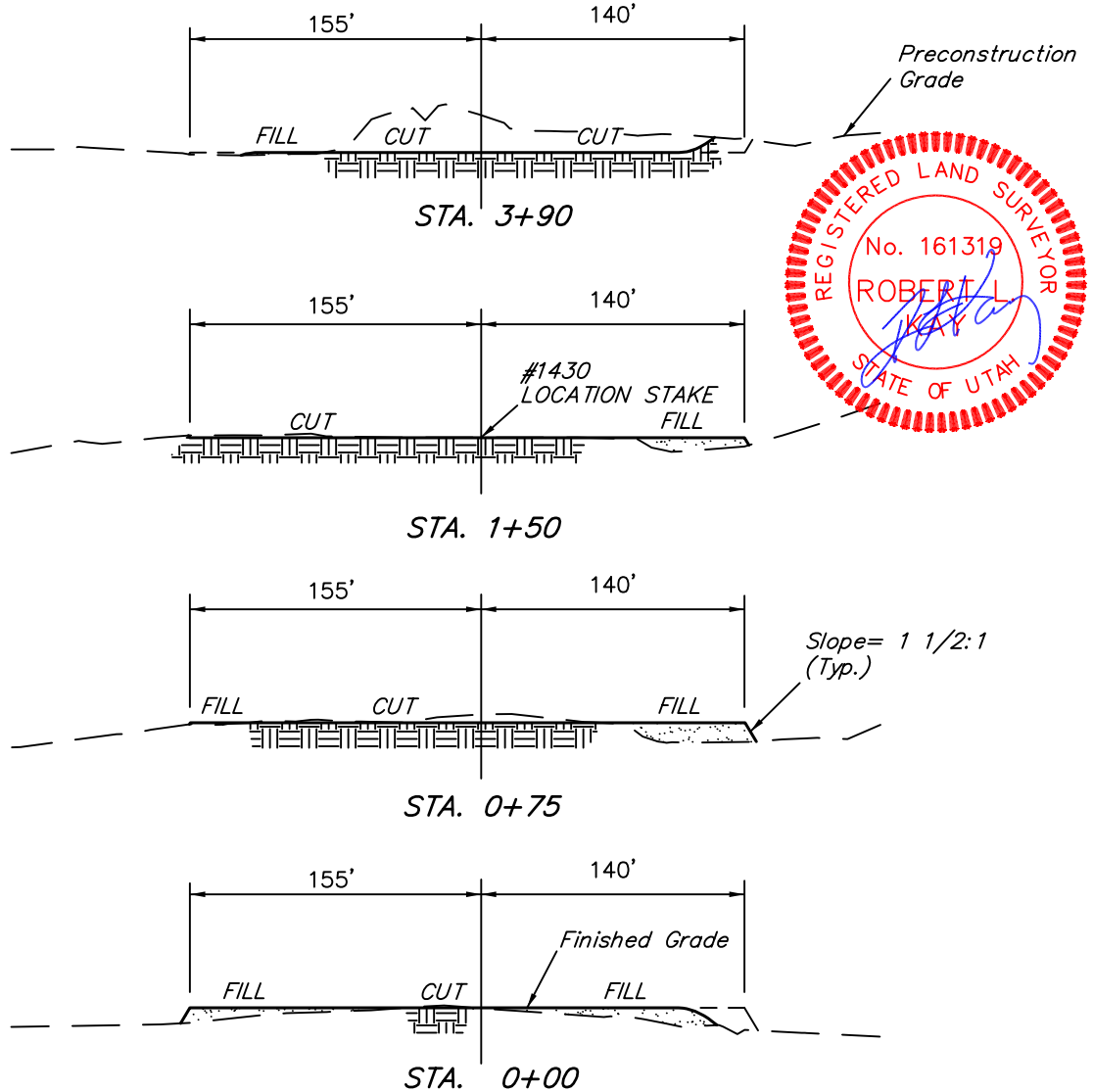
EOG RESOURCES, INC.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

CWU #1426-15D, #1428-15D, #1429-15D,
#1430-15D, & #1431-15D
SECTION 15, T9S, R22E, S.L.B.&M.
SW 1/4 SE 1/4

1" = 40'
X-Section
Scale
1" = 100'
DATE: 09-24-08
Drawn By: D.P.



APPROXIMATE ACREAGES

EXISTING WELL SITE DISTURBANCE = ± 1.757 ACRES
NEW CONSTRUCTION WELL SITE DISTURBANCE = ± 1.569 ACRES
TOTAL = ± 3.326 ACRES

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 920 Cu. Yds.
(New Construction Only)
Remaining Location = 1,320 Cu. Yds.
TOTAL CUT = 2,240 CU. YDS.
FILL = 3,520 CU. YDS.

DEFICIT MATERIAL = <1,280> Cu. Yds.
Topsoil 920 Cu. Yds.
DEFICIT UNBALANCE = <2,200> Cu. Yds.
(After Interim Rehabilitation)

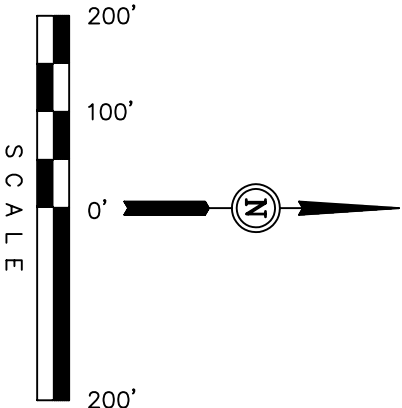
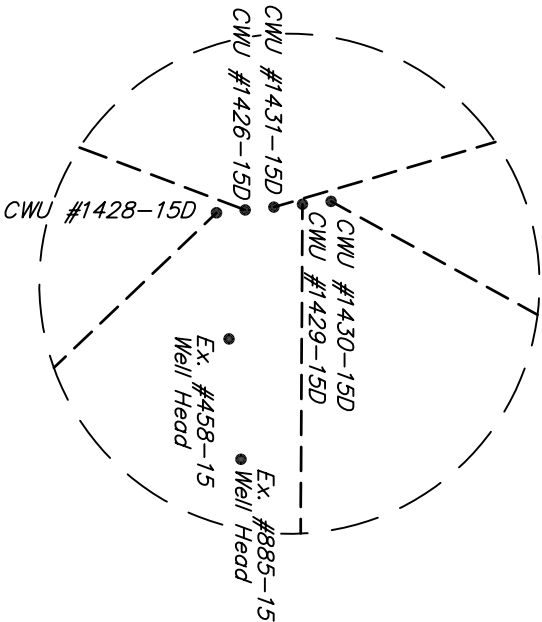
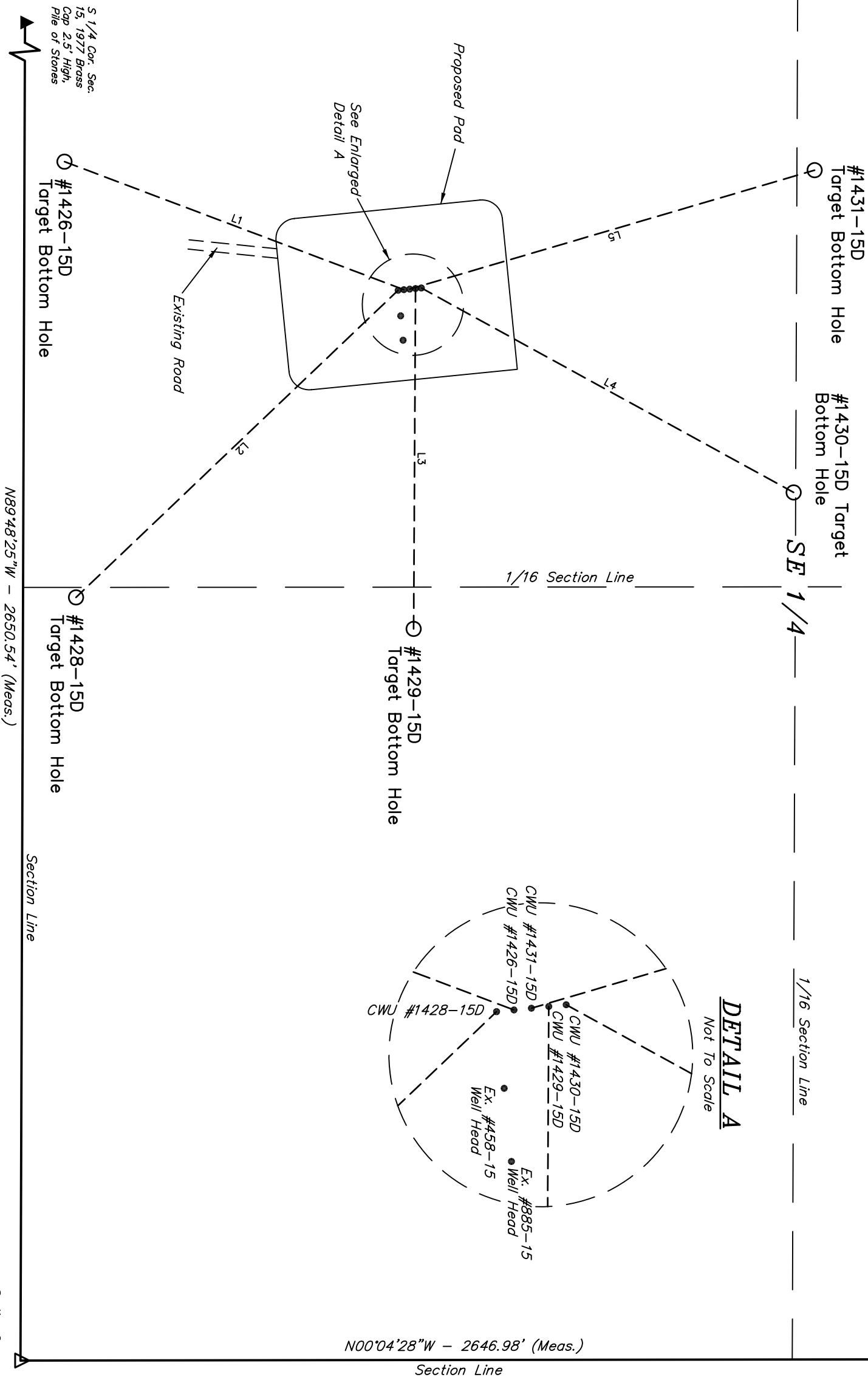
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

BOTTOM HOLE EXHIBIT

(For CWU #1426-15D, #1428-15D,
#1429-15D, #1430-15D & #1431-15D)

LOCATED IN
SECTION 15, T9S, R22E, S.L.B.&M.,
UINTAH COUNTY, UTAH

LINE TABLE		
LINE	BEARING	LENGTH
L1	S20°39'45"W	622.12'
L2	S43°37'22"E	763.07'
L3	S89°40'59"E	583.45'
L4	N28°45'52"E	728.33'
L5	N16°21'54"W	723.70'



BASIS OF BEARINGS

- ▲ = SECTION CORNERS LOCATED.
- Δ = SECTION CORNERS RE-ESTABLISHED BY DOUBLE PROPORTION METHOD (Not Set On Ground)

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ROBERT L. KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

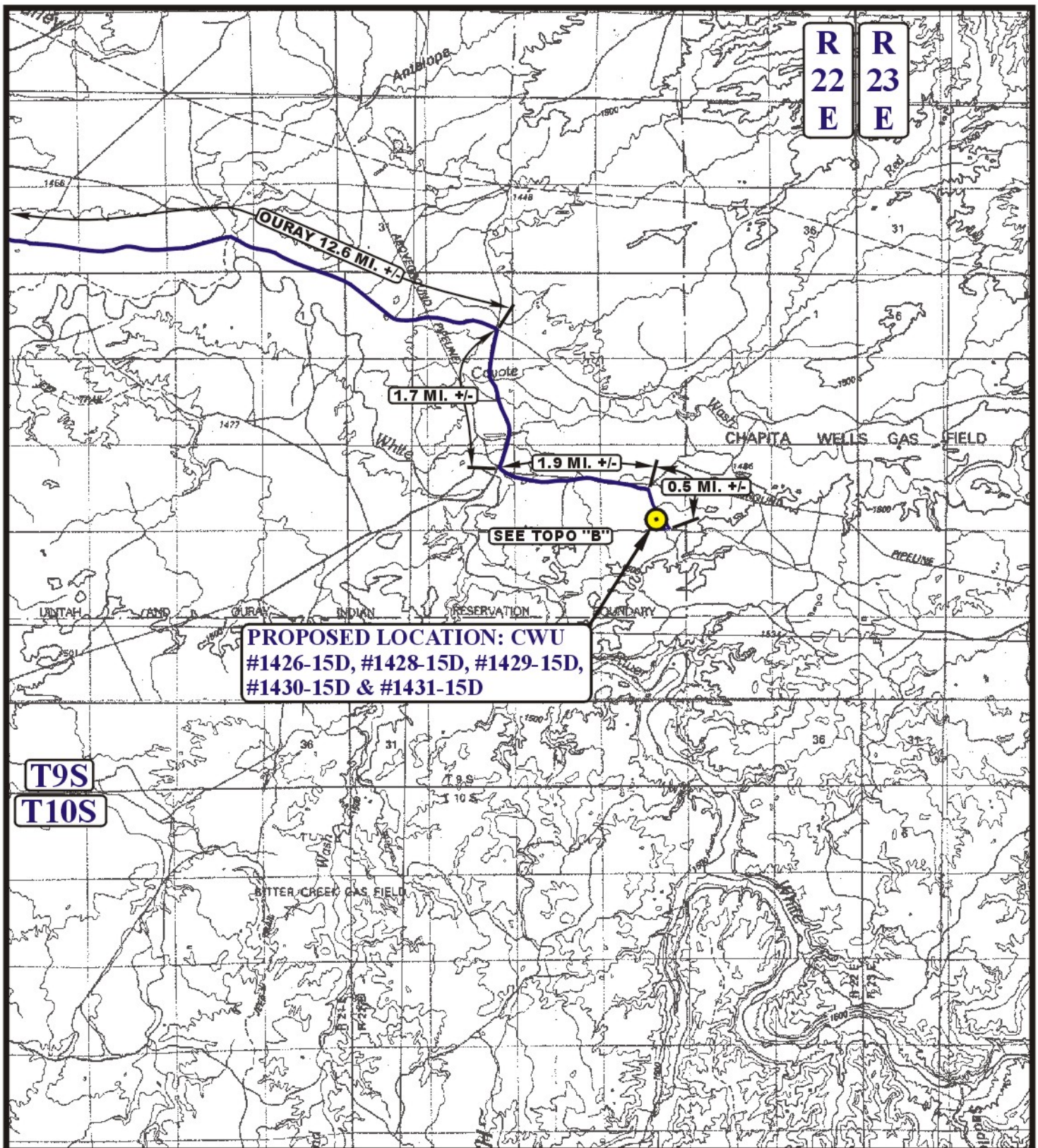
UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

SCALE	1" = 200'	DATE	10-31-08
PARTY	C.R. S.B. D.P.	REFERENCES	G.L.O. PLAT
WEATHER	HOT	FILE	4 9 1 1 2

EOG RESOURCES, INC.
CWU #1426-15D, #1428-15D, #1429-15D,
#1430-15D, & #1431-15D
SECTION 15, T9S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 250' TO THE CWU #458-15F, CWU #885-15 AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 47.85 MILES.



PROPOSED LOCATION: CWU
#1426-15D, #1428-15D, #1429-15D,
#1430-15D & #1431-15D

T9S
T10S

LEGEND:

● PROPOSED LOCATION

EOG RESOURCES, INC.

CWU #1426-15D, #1428-15D, #1429-15D,
#1430-15D & #1431-15D
SECTION 15, T9S, R22E, S.L.B.&M.
SW 1/4 SE 1/4



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

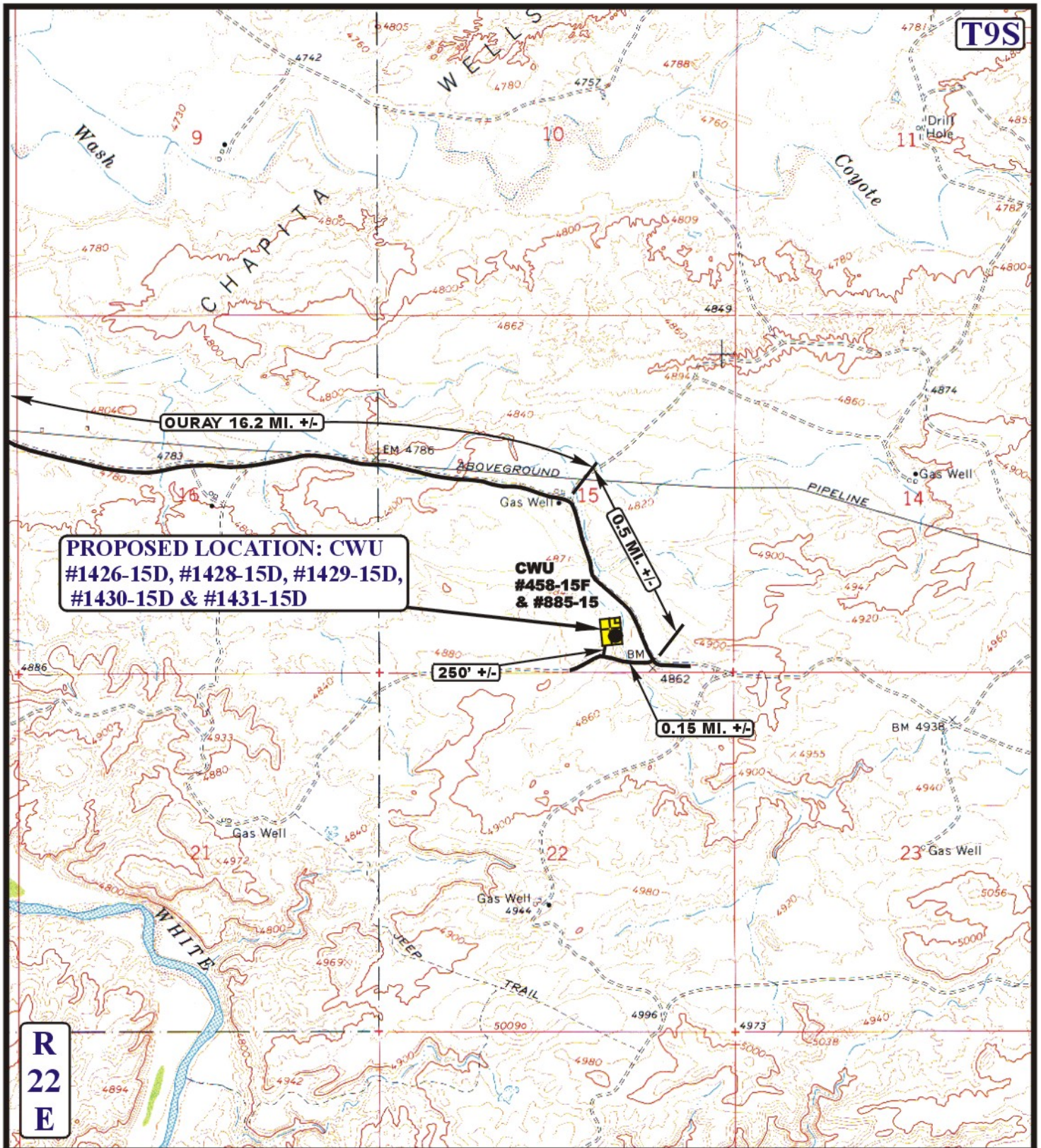


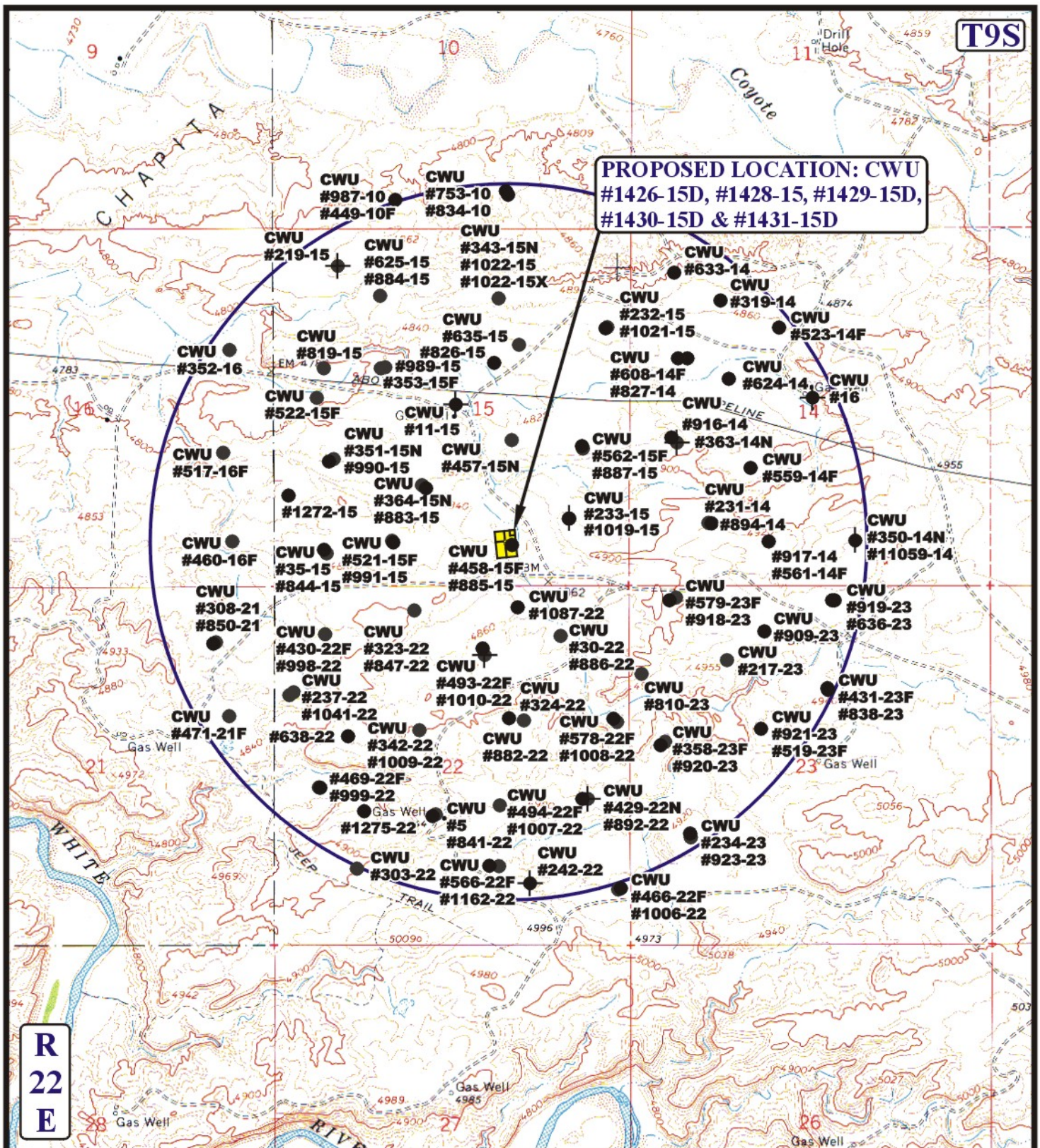
TOPOGRAPHIC
MAP

09 25 08
MONTH DAY YEAR

SCALE: 1:100,000 **DRAWN BY: D.P.** **REVISED: 00-00-00**

A
TOPO





LEGEND:

- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊗ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |

N

EOG RESOURCES, INC.

CWU #1426-15D, #1428-15D, #1429-15D,
#1430-15D & #1431-15D
SECTION 15, T9S, R22E, S.L.B.&M.
SW 1/4 SE 1/4



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

09 25 08
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: D.P. REVISED: 00-00-00





***Chapita Wells Unit 1426-15D, 1428-15D, 1429-15D, 1430-15D, 1431-15D
SWSE, Section 15, T9S, R22E
Uintah County, Utah***

SURFACE USE PLAN

The well pad is approximately 350 feet long with a 295-foot width, containing 2.37 acres more or less. The well access road is approximately 250 feet long with a 40-foot right-of-way, disturbing approximately 0.17 acres. New surface disturbance associated with access road and the well pad is estimated to be approximately 2.54 acres.

1. EXISTING ROADS:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 47.9 miles south of Vernal, Utah – See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 250 in length, Culvert's if necessary See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 40-foot permanent right-of-way is requested. No surfacing material will used.

CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15D, 1430-15D, 1431-15D
Surface Use Plan

Page 2

- J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

A. On Well Pad

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
2. Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.

B. Off Well Pad

1. Proposed pipeline will transport natural gas.
2. The pipeline will be a permanent feeder line.
3. No of well pad pipeline will be required. The existing pipeline for producing Chapita Wells Unit 458-15F and Chapita Wells Unit 885-15 will be used.
4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
5. Proposed pipeline will be laid on surface.
6. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All facilities will be painted with Carlsbad Canyon.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIALS:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. METHODS AND LOCATION

1. Cuttings will be confined and dried in a cuttings pit. Dried cuttings shall be spread on the access road.

CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15D, 1430-15D, 1431-15D
Surface Use Plan

Page 4

2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
 4. Produced wastewater will be confined to a storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD CWU 2-29 SWD, Red Wash Evaporation Ponds 1, 2, 3, 4, 5, 6, or 7, or Coyote Evaporation Ponds 1, 2,3, or 4, or **White River Evaporation Ponds 1, or 2**, or Hoss SWD Facility. right-of-way UTU 86010, UTU 897093 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either natural or artificial evaporation methods, or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the closed loop system will be avoided by flaring them off in the flare pit at the time of recovery.

The referenced well will be drilling utilizing a closed loop system. The closed loop system will be installed in a manner that preventing leaks, breaks, or discharge. Drill cutting will be contained in an area approximately 50' x 100'. The surface drill cuttings pile will be bermed and lined with bentonite. Drill cuttings will be dried and spread on location. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in

threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

8. ANCILLARY FACILITIES:

None anticipated.

9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The proposed location will be drilled utilizing a closed loop system.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil west of corner #5. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protect of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the south.

The existing pond will be moved to the eastern edge of the proposed well pad.

10. PLANS FOR RECLAMATION OF THE SURFACE:

A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours – See attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15D, 1430-15D, 1431-15D
Surface Use Plan

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The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Crested Wheatgrass	9.0
Kochia Prostrata	3.0

*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
- Whether the materials appear eligible for the National Register of Historic Places;
 - The mitigation measures the operator will likely have to undertake before the site can be used.
 - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15D, 1430-15D, 1431-15D
Surface Use Plan

Page 7

- If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.
- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
 - C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
 - D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A block cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants, MOAC Report # 06-611, on March 15, 2007. A paleontological survey was conducted and submitted by Intermountain Paleo, MOAC Report # 04-228, on September 29, 2004

Additional Surface Stipulations:

***CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15D, 1430-15D, 1431-15D
Surface Use Plan***

Page 8

None

CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15D, 1430-15D, 1431-15D
Surface Use Plan

Page 9

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT

Kaylene R. Gardner
EOG Resources, Inc.
P.O. Box 1815
Vernal, UT 84078
(435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

CHAPITA WELLS UNIT 1426-15D, 1428-15D, 1429-15D, 1430-15D, 1431-15D
Surface Use Plan

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CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1426-15D, 1428-15D, 1429-15D, 1430-15D, 1431-15D Wells, located in the SWSE, of Section 15, T9S, R22E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

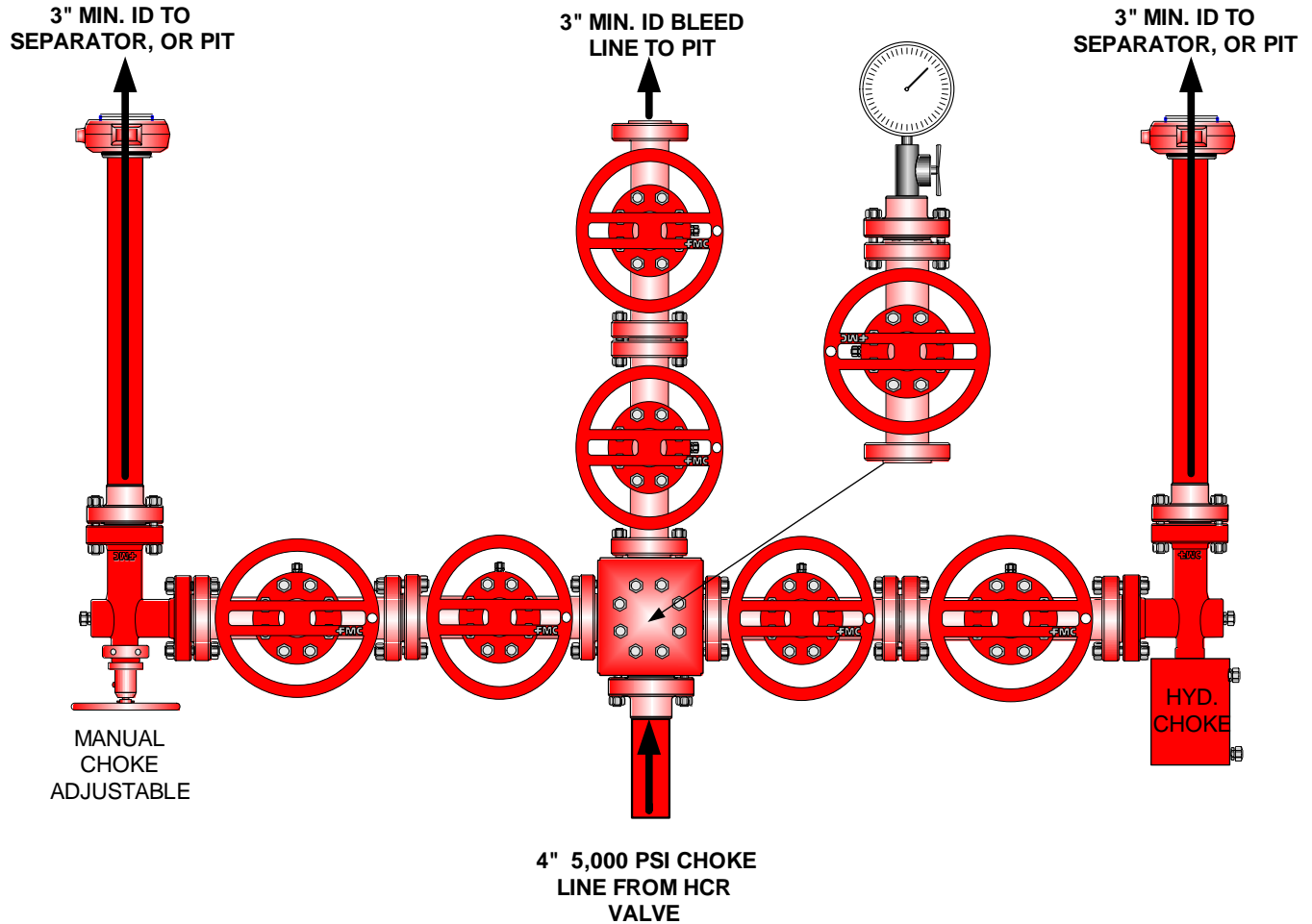
March 3, 2009
Date

Kaylene R. Gardner Regulatory Administrator

Onsite Date: February 18, 2009

**EOG RESOURCES CHOKE MANIFOLD CONFIGURATION
W/ 5,000 PSI WP VALVES**

PAGE 2 OF 2



Testing Procedure:

1. BOP will be tested with a professional tester to conform to Onshore Order #2.
2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.
Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, **whichever is greater.**
4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160
(UT-922)

March 30, 2009

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2009 Plan of Development Chapita Wells Unit Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2009 within the Chapita Wells Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Wasatch)

43-047-50292	CWU 4026-22 Sec 22 T09S R23E 0836 FSL 0702 FWL	
43-047-50293	CWU 4023-22 Sec 22 T09S R23E 2128 FNL 0792 FWL	
43-047-50294	CWU 4018-21 Sec 21 T09S R23E 0702 FSL 1684 FEL	
43-047-50296	CWU 4029-27 Sec 27 T09S R23E 2078 FNL 0449 FWL	
43-047-50297	CWU 4033-27 Sec 27 T09S R23E 2047 FSL 1941 FWL	
43-047-50298	CWU 4028-27 Sec 27 T09S R23E 0892 FNL 1920 FWL	
43-047-50299	CWU 4014-30 Sec 30 T09S R23E 0628 FNL 0703 FEL	
43-047-50307	CWU 4031-27 Sec 27 T09S R23E 1844 FNL 1920 FEL	
43-047-50308	CWU 4030-27 Sec 27 T09S R23E 0645 FNL 0814 FEL	
43-047-50309	CWU 4021-28 Sec 28 T09S R23E 0618 FSL 1686 FWL	
43-047-50310	CWU 4013-30 Sec 30 T09S R23E 0974 FNL 2006 FEL	
43-047-50295	CWU 779-20 Sec 20 T09S R23E 2002 FNL 1789 FEL	

(Proposed PZ Mesaverde)

43-047-50305	CWU 1427-22D Sec 22 T09S R22E 0378 FNL 2112 FWL	
	BHL Sec 22 T09S R22E 0757 FNL 1838 FWL	
43-047-50306	CWU 1258-20 Sec 20 T09S R23E 1800 FNL 2029 FWL	
43-047-50311	CWU 1431-15D Sec 15 T09S R22E 0661 FSL 1836 FEL	
	BHL Sec 15 T09S R22E 1355 FSL 2039 FEL	
43-047-50312	CWU 1430-15D Sec 15 T09S R22E 0681 FSL 1838 FEL	
	BHL Sec 15 T09S R22E 1321 FSL 1486 FEL	
43-047-50313	CWU 1429-15D Sec 15 T09S R22E 0671 FSL 1837 FEL	
	BHL Sec 15 T09S R22E 0670 FSL 1253 FEL	
43-047-50314	CWU 1130-20 Sec 20 T09S R23E 0845 FNL 0463 FWL	

Page 2

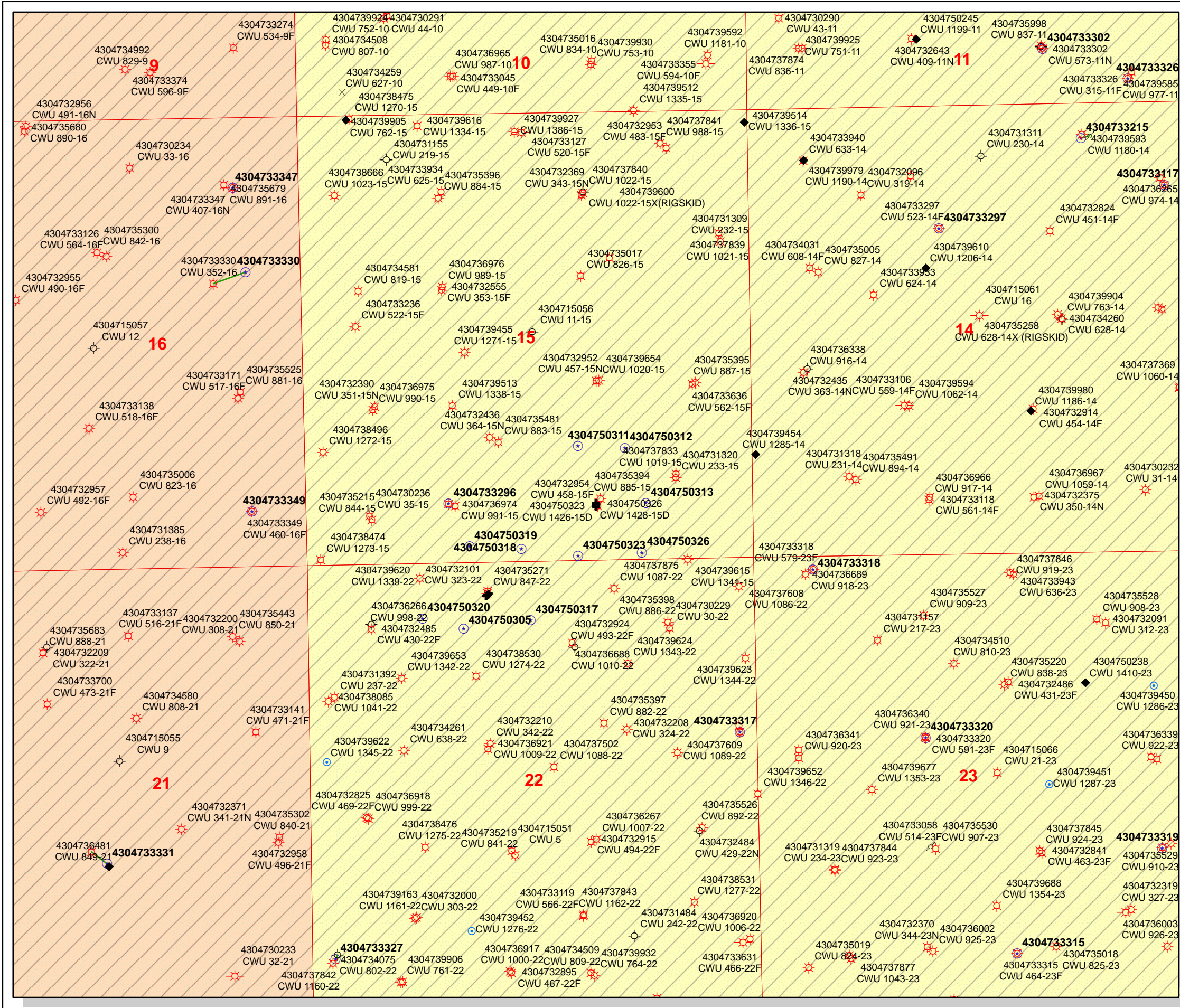
43-047-50315 CWU 1121-28 Sec 28 T09S R23E 0634 FNL 0839 FWL
43-047-50316 CWU 1097-28 Sec 28 T09S R23E 0856 FSL 2053 FEL
43-047-50317 CWU 1434-22D Sec 22 T09S R22E 0372 FNL 2120 FWL
BHL Sec 22 T09S R22E 0678 FNL 2621 FWL
43-047-50318 CWU 1432-22D Sec 22 T09S R22E 0360 FNL 2137 FWL
BHL Sec 15 T09S R22E 0160 FSL 2526 FWL
43-047-50319 CWU 1433-22D Sec 22 T09S R22E 0366 FNL 2128 FWL
BHL Sec 15 T09S R22E 0201 FSL 1920 FWL
43-047-50320 CWU 1425-22D Sec 22 T09S R22E 0384 FNL 2104 FWL
BHL Sec 22 T09S R22E 0635 FNL 1357 FWL
43-047-50321 CWU 1259-20 Sec 20 T09S R23E 0594 FSL 2004 FEL
43-047-50322 CWU 1260-21 Sec 21 T09S R23E 2304 FSL 1092 FWL
43-047-50323 CWU 1426-15D Sec 15 T09S R22E 0651 FSL 1835 FEL
BHL Sec 15 T09S R22E 0068 FSL 2055 FEL
43-047-50324 CWU 1264-22 Sec 22 T09S R23E 2226 FSL 0896 FWL
43-047-50325 CWU 1261-21 Sec 21 T09S R23E 2616 FSL 1561 FEL
43-047-50326 CWU 1428-15D Sec 15 T09S R22E 0641 FSL 1834 FEL
BHL Sec 15 T09S R22E 0091 FSL 1308 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:3-30-09

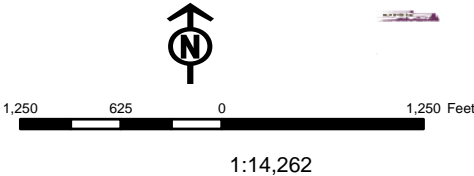


API Number: 4304750311
Well Name: CWU 1431-15D
Township 09.0 S Range 22.0 E Section 15
Meridian: SLBM
Operator: EOG RESOURCES, INC.

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED
Fields
STATUS
ACTIVE
COMBINED
Sections

Wells Query Events
X <all other values>
GIS_STAT_TYPE
<Null>
APD
DRL
GI
GS
LA
NEW
OPS
PA
PGW
POW
RET
SGW
SOW
TA
TW
WD
WI
WS





EOG Resources, Inc.
600 Seventeenth Street
Suite 1000N
Denver, CO 80202
Main: 303-572-9000
Land Fax: 303-824-5401

April 9, 2009
HAND DELIVERED

Kerr-McGee Oil & Gas Onshore LP
1099 18th Street, Suite 1200
Denver, Colorado 80202

Attention: Mr. Chris Latimer

RE: **CWU 1431-15D**
Uintah County, Utah
Chapita Wells Unit

Gentlemen:

EOG Resources, Inc. ("EOG") plans to directionally drill the CWU 1431-15D as a Mesaverde well in the SW/4SE/4 of Section 15, Township 9 South, Range 22 East, Uintah County, Utah.

Enclosed is a copy of the survey plat for the CWU 1431-15D well and another plat which shows the proposed path of the wellbore with a 460 foot radius from all points along the intended wellbore. Pursuant to Oil & Gas Conservation Rule R649-3-11, EOG must obtain the written consent of all owners within this 460 foot radius of the wellbore and file same with the Division of Oil, Gas and Mining prior to drilling.

Therefore, EOG respectfully requests your consent to this directional well by having this letter dated and executed in the spaces provided below and returning one (1) originally executed copy to my attention at the letterhead address at your very earliest opportunity.

If you have any questions, please don't hesitate to contact the undersigned at (303) 824-5430

Sincerely,

EOG RESOURCES, INC.

A handwritten signature in black ink, appearing to read "Debbie Spears".

Debbie Spears
Land Associate

/das
M:\das\CWU\1431-15D.doc

Kerr-McGee Oil & Gas Onshore LP hereby consents to the directional drilling of the CWU 1431-15D well this 30th day of April, 2009.

By: _____

Title: _____

A handwritten signature in black ink, appearing to read "Joe Macey".
A handwritten signature in black ink, appearing to read "Senior Staff Landman".

energy opportunity growth

RECEIVED

MAY 19 2009

DIV. OF OIL, GAS & MINING

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/26/2009

API NO. ASSIGNED: 43047503110000

WELL NAME: CWU 1431-15D

OPERATOR: EOG Resources, Inc. (N9550)

PHONE NUMBER: 435 781-9111

CONTACT: Kaylene Gardner

PROPOSED LOCATION: SWSE 15 090S 220E

Permit Tech Review: ☒

SURFACE: 0661 FSL 1836 FEL

Engineering Review: ☐

BOTTOM: 1355 FSL 2039 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.03063

LONGITUDE: -109.42261

UTM SURF EASTINGS: 634592.00

NORTHINGS: 4432139.00

FIELD NAME: NATURAL BUTTES

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU0283A

PROPOSED PRODUCING FORMATION(S): MESA VERDE

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☒ **PLAT**
- ☒ **Bond:** FEDERAL - NM2308
- ☐ **Potash**
- ☒ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☒ **Water Permit:** 49-225
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingle Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**
- Unit:** CHAPITA WELLS
- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☒ **Drilling Unit**
- Board Cause No:** Cause 179-8
- Effective Date:** 8/10/1999
- Siting:** Suspends General Siting
- ☒ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
15 - Directional - dmason
17 - Oil Shale 190-5(b) - dmason



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: CWU 1431-15D
API Well Number: 43047503110000
Lease Number: UTU0283A
Surface Owner: FEDERAL
Approval Date: 5/20/2009

Issued to:

EOG Resources, Inc., 1060 East Highway 40, Vernal, UT 84078

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 179-8. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.

Notification Requirements:

Notify the Division with 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

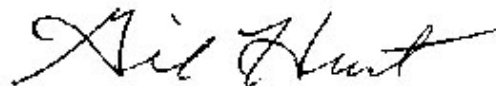
Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

Reporting Requirements:

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Approved By:

A handwritten signature in black ink, appearing to read "Gil Hunt", with a stylized, flowing script.

Gil Hunt
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: EOG Resources, Inc.		7. UNIT or CA AGREEMENT NAME: CHAPITA WELLS			
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Vernal, UT, 84078		8. WELL NAME and NUMBER: CWU 1431-15D			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047503110000			
PHONE NUMBER: 435 781-9111 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: UINTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/1/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____ </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Attached please see the revised drilling plan for the referenced well.					
Accepted by the Utah Division of Oil, Gas and Mining					
Date: <u>April 01, 2010</u> By: <u>Dan K. Quist</u>					
NAME (PLEASE PRINT) Michelle Robles		PHONE NUMBER 307 276-4842			
SIGNATURE N/A		TITLE Regulatory Assistant			
DATE 4/1/2010					

**DRILLING PLAN
MULTI-WELL PAD:
CWU 1426-15D, CWU 1428-15D, CWU 1429-15D,
CWU 1430-15D, CWU 1431-15D,
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH**

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

	CWU 1426-15D		CWU 1428-15D		CWU 1429-15D		CWU 1430-15D	
FORMATION	TVD	MD	TVD	MD	TVD	MD	TVD	MD
Green River	1729	1735	1724	1732	1729	1734	1734	1741
Mahogany Oil Shale Bed	2376	2384	2372	2385	2381	2388	2387	2472
Wasatch	4760	4779	4754	4782	4754	4782	4782	4807
Chapita Wells	5347	5368	5337	5369	5354	5373	5367	5396
Buck Canyon	6040	6063	6027	6063	6048	6069	6067	6099
North Horn	6706	6733	6706	6733	6707	6731	6732	6768
KMV Price River	7229	7257	7216	7259	7241	7266	7269	7307
KMV Price River Middle	8083	8112	8068	8111	8093	8118	8122	8160
KMV Price River Lower	8867	8895	8853	8896	8876	8901	8903	8941
Sego	9374	9402	9367	9410	9380	9405	9422	9460
TD	9580	9608	9570	9613	9580	9605	9630	9668
ANTICIPATED BHP (PSI)	5231		5225		5231		5258	

	CWU 1431-15D							
FORMATION	TVD	MD						
Green River	1735	1742						
Mahogany Oil Shale Bed	2388	2399						
Wasatch	4783	4809						
Chapita Wells	5370	5399						
Buck Canyon	6072	6105						
North Horn	6743	6780						
KMV Price River	7279	7318						
KMV Price River Middle	8135	8174						
KMV Price River Lower	8915	8953						
Sego	9427	9466						
TD	9630	9669						
ANTICIPATED BHP (PSI)	5258							

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT: Production Hole – 5000 Psig

**DRILLING PLAN
MULTI-WELL PAD:
CWU 1426-15D, CWU 1428-15D, CWU 1429-15D,
CWU 1430-15D, CWU 1431-15D,
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH**

BOP schematic diagrams attached.

4. CASING PROGRAM:

Casing	Hole Size	Length	Size	Weight	Grade	Thread	Rating Collapse	Rating Burst	Tensile
Conductor	20"	0 – 60'	14"	32.5#	A252			1800 PSI	10,000#
Surface	12 1/4"	0 – 2,300'±	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
Production	7 7/8"	Surface – TD	4 1/2"	11.6#	N-80	LTC	6350 PSI	7780 PSI	223,000#

Note: 12 1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0' - 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

0' - 2300'± Air/Air mist/Aerated water
or

A closed mud system will be utilized with a gelled bentonite system. LCM sweeps, additions, etc. will be utilized as necessary.

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MULTI-WELL PAD:
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UINTAH COUNTY, UTAH

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5-10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'± - TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Defloculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: **Onshore Oil and Gas Order No. 1**
 Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Logs:	None
Cased-hole Logs:	Cased-hole logs will be run in lieu of open-hole logs consisting of the following: Cement Bond / Casing Collar Locator and Gamma Ray

DRILLING PLAN
MULTI-WELL PAD:
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CWU 1430-15D, CWU 1431-15D,
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: 150 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 135 sks Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

Note: The above number of sacks is based on gauge-hole calculation
Lead volume to be calculated to bring cement to surface.
Tail volume to be calculated to bring cement to 500' above the shoe.

Production Hole Procedure (2300'± - TD)

Lead: 128 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 929 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

DRILLING PLAN
MULTI-WELL PAD:
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CWU 1430-15D, CWU 1431-15D,
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UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

13. Air Drilling Operations:

1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A			
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Date: <u>April 01, 2010</u> By: <u>[Signature]</u>					
NAME (PLEASE PRINT) Michelle Robles	PHONE NUMBER 307 276-4842	TITLE Regulatory Assistant			
SIGNATURE N/A	DATE 4/1/2010				

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UINTAH COUNTY, UTAH**

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Buck Canyon	6040	6063	6027	6063	6048	6069	6067	6099
North Horn	6706	6733	6706	6733	6707	6731	6732	6768
KMV Price River	7229	7257	7216	7259	7241	7266	7269	7307
KMV Price River Middle	8083	8112	8068	8111	8093	8118	8122	8160
KMV Price River Lower	8867	8895	8853	8896	8876	8901	8903	8941
Sego	9374	9402	9367	9410	9380	9405	9422	9460
TD	9580	9608	9570	9613	9580	9605	9630	9668
ANTICIPATED BHP (PSI)	5231		5225		5231		5258	

	CWU 1431-15D							
FORMATION	TVD	MD						
Green River	1735	1742						
Mahogany Oil Shale Bed	2388	2399						
Wasatch	4783	4809						
Chapita Wells	5370	5399						
Buck Canyon	6072	6105						
North Horn	6743	6780						
KMV Price River	7279	7318						
KMV Price River Middle	8135	8174						
KMV Price River Lower	8915	8953						
Sego	9427	9466						
TD	9630	9669						
ANTICIPATED BHP (PSI)	5258							

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT: Production Hole – 5000 Psig

**DRILLING PLAN
MULTI-WELL PAD:
CWU 1426-15D, CWU 1428-15D, CWU 1429-15D,
CWU 1430-15D, CWU 1431-15D,
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH**

BOP schematic diagrams attached.

4. CASING PROGRAM:

Casing	Hole Size	Length	Size	Weight	Grade	Thread	Rating Collapse	Rating Burst	Tensile
Conductor	20"	0 – 60'	14"	32.5#	A252			1800 PSI	10,000#
Surface	12 1/4"	0 – 2,300'±	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
Production	7 7/8"	Surface – TD	4 1/2"	11.6#	N-80	LTC	6350 PSI	7780 PSI	223,000#

Note: 12 1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0' - 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

0' - 2300'± Air/Air mist/Aerated water
or

A closed mud system will be utilized with a gelled bentonite system. LCM sweeps, additions, etc. will be utilized as necessary.

DRILLING PLAN
MULTI-WELL PAD:
CWU 1426-15D, CWU 1428-15D, CWU 1429-15D,
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UINTAH COUNTY, UTAH

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5-10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'± - TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Defloculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: **Onshore Oil and Gas Order No. 1**
 Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Logs:	None
Cased-hole Logs:	Cased-hole logs will be run in lieu of open-hole logs consisting of the following: Cement Bond / Casing Collar Locator and Gamma Ray

DRILLING PLAN
MULTI-WELL PAD:
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CWU 1430-15D, CWU 1431-15D,
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UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: **150 sks** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂,
3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: **135 sks** Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk.,
5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6
ppg, 1.18 ft³/sk., 5.2 gps water.

Note: The above number of sacks is based on gauge-hole calculation
Lead volume to be calculated to bring cement to surface.
Tail volume to be calculated to bring cement to 500' above the shoe.

Production Hole Procedure (2300'± - TD)

Lead: **128 sks:** Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44
(Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29
(cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: **929 sks:** 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%
D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant),
mixed at 14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

DRILLING PLAN
MULTI-WELL PAD:
CWU 1426-15D, CWU 1428-15D, CWU 1429-15D,
CWU 1430-15D, CWU 1431-15D,
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

13. Air Drilling Operations:

1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
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3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Vernal, UT, 84078		8. WELL NAME and NUMBER: CWU 1431-15D			
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PHONE NUMBER: 435 781-9111 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: UINTAH		STATE: UTAH			
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TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/13/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____ </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year.					
Approved by the Utah Division of Oil, Gas and Mining					
Date: <u>May 17, 2010</u>					
By:					
NAME (PLEASE PRINT) Michelle Robles	PHONE NUMBER 307 276-4842	TITLE Regulatory Assistant			
SIGNATURE N/A	DATE 5/13/2010				

RECEIVED May 13, 2010



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047503110000

API: 43047503110000

Well Name: CWU 1431-15D

Location: 0661 FSL 1836 FEL QTR SWSE SEC 15 TWP 090S RNG 220E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 5/20/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Michelle Robles

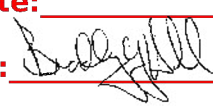
Date: 5/13/2010

Title: Regulatory Assistant **Representing:** EOG RESOURCES, INC.

Date: May 17, 2010

By:

RECEIVED May 13, 2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
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Signature: Michelle Robles

Date: 5/4/2011

Title: Regulatory Assistant **Representing:** EOG RESOURCES, INC.

RECEIVED May. 04, 2011

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TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/6/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. EOG Resources, Inc. respectfully requests authorization to change the Drilling Plan as per the attached.					
Accepted by the Utah Division of Oil, Gas and Mining Date: 05/10/2011 By:					
NAME (PLEASE PRINT) Mickenzie Gates		PHONE NUMBER 435 781-9145			
SIGNATURE N/A		TITLE Operations Clerk			
DATE 5/6/2011					



**DRILLING PLAN
MULTI-WELL PAD:
CWU 1426-15D, CWU 1428-15D, CWU 1429-15D,
CWU 1430-15D, CWU 1431-15D,
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH**

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

	CWU 1426-15D		CWU 1428-15D		CWU 1429-15D		CWU 1430-15D	
FORMATION	TVD	MD	TVD	MD	TVD	MD	TVD	MD
Green River	1729	1735	1724	1732	1729	1734	1734	1741
Mahogany Oil Shale Bed	2376	2384	2372	2385	2381	2388	2387	2472
Wasatch	4760	4779	4754	4782	4754	4782	4782	4807
Chapita Wells	5347	5368	5337	5369	5354	5373	5367	5396
Buck Canyon	6040	6063	6027	6063	6048	6069	6067	6099
North Horn	6706	6733	6706	6733	6707	6731	6732	6768
KMV Price River	7229	7257	7216	7259	7241	7266	7269	7307
KMV Price River Middle	8083	8112	8068	8111	8093	8118	8122	8160
KMV Price River Lower	8867	8895	8853	8896	8876	8901	8903	8941
Sego	9374	9402	9367	9410	9380	9405	9422	9460
TD	9580	9608	9570	9613	9580	9605	9630	9668
ANTICIPATED BHP (PSI)	5231		5225		5231		5258	

	CWU 1431-15D							
FORMATION	TVD	MD						
Green River	1735	1742						
Mahogany Oil Shale Bed	2388	2399						
Wasatch	4783	4809						
Chapita Wells	5370	5399						
Buck Canyon	6072	6105						
North Horn	6743	6780						
KMV Price River	7279	7318						
KMV Price River Middle	8135	8174						
KMV Price River Lower	8915	8953						
Sego	9427	9466						
TD	9630	9669						
ANTICIPATED BHP (PSI)	5258							

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT: Production Hole – 5000 Psig



DRILLING PLAN
MULTI-WELL PAD:
CWU 1426-15D, CWU 1428-15D, CWU 1429-15D,
CWU 1430-15D, CWU 1431-15D,
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

BOP schematic diagrams attached.

4. **CASING PROGRAM:**

Casing	Hole Size	Length	Size	Weight	Grade	Thread	Rating Collapse	Rating Burst	Tensile
Conductor	20"	0 – 60'	14"	32.5#	A252			1800 PSI	10,000#
Surface	12 1/4"	0 – 2,300'±	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
Production	7 7/8"	Surface – TD	4 1/2"	11.6#	N-80	LTC	6350 PSI	7780 PSI	223,000#

Note: 12 1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

5. **FLOAT EQUIPMENT:**

Surface Casing (0' - ±2300'):

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 in middle of shoe joint, then top of every joint for next 7 joints, 2 at KOP. (10 total)

Production Casing (0' – MTD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Turbulizers to be placed 5' above shoe on joint #1, middle of joint #2 and #3. Centralizers starting on joint #4 and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. **MUD PROGRAM**

Surface Hole Procedure (Surface - 2300'±):

0' - 2300'± Air/Air mist/Aerated water
or

A closed mud system will be utilized with a gelled bentonite system. LCM sweeps, additions, etc. will be utilized as necessary.



DRILLING PLAN
MULTI-WELL PAD:
CWU 1426-15D, CWU 1428-15D, CWU 1429-15D,
CWU 1430-15D, CWU 1431-15D,
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5-10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'± - TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Logs: None
Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:
Cement Bond / Casing Collar Locator and Gamma Ray



DRILLING PLAN
MULTI-WELL PAD:
CWU 1426-15D, CWU 1428-15D, CWU 1429-15D,
CWU 1430-15D, CWU 1431-15D,
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Casing (0' - ±2300'):

Lead: Lead volume to be calculated to bring cement from 500' above casing shoe to surface. Lead cement will be:

140 sx. HES VariCem (Type III) + 2% Cal-Seal (Thixotropic Additive) + 0.3% Versaset (Thixotropic Additive) + 2% Econolite (Light Weight Additive), mixed at 10.5 ppg, 4.10 cfps, 26.88 gps fresh water

Tail: Tail volume to be calculated to bring cement 500' above casing shoe. Tail cement will be:

135 sx. HES HalCem (Type V) + 2% CaCl₂ (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water

Top Out: As necessary with:

HES HalCem (Type V) + 2% CaCl₂ (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water

Note: The above number of sacks are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 70% excess on the lead slurry and gauge hole plus 100% excess on the tail slurry.

Production Casing (0' - MTD):

Lead: Lead volume to be calculated to bring cement from 400' above top of Wasatch Formation to 200'± above 9 5/8" surface casing shoe @ ±2300' MD. For improved mud displacement, lead slurry weight will be a minimum of 0.5 ppg over mud weight utilized at well MTD and vary from 11.0 – 13.0 ppg.

If lead slurry weight required is 11.0 ppg – 12.5 ppg, cement will be:

HES Highbond 75 (75/25 Poz/G) + 6% Bentonite (Extender) + 0.3% Versaset (Thixotropic Additive) + 2% Microbond (Expansion Additive)

Calculated sacks with corresponding mixed slurry weights, yields and water requirements for above cement will be as follows:

- **210 sx. if 11.0 ppg, 2.52 cfps, 14.96 gps fresh water**
- **250 sx. if 11.5 ppg, 2.12 cfps, 11.98 gps fresh water**
- **290 sx. if 12.0 ppg, 1.83 cfps, 9.82 gps fresh water**
- **330 sx. if 12.5 ppg, 1.61 cfps, 8.17 gps fresh water**

If lead slurry weight required is 13.0 ppg, cement will be:

325 sx. HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive), mixed at 13.0 ppg, 1.63 cfps, 8.16 gps fresh water

Tail: Tail volume to be calculated to bring cement from MTD to 400' above top of Wasatch Formation. Tail cement will be:

815 sx. HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive),



DRILLING PLAN
MULTI-WELL PAD:
CWU 1426-15D, CWU 1428-15D, CWU 1429-15D,
CWU 1430-15D, CWU 1431-15D,
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

+ 0.2% HR-5 (Retarder), mixed at 13.5 ppg, 1.47 cfps, 6.98 gps fresh water

Note: The above number of sacks in all cases are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 50% excess on the lead slurry and gauge hole plus 70% excess on the tail slurry.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.



DRILLING PLAN
MULTI-WELL PAD:
CWU 1426-15D, CWU 1428-15D, CWU 1429-15D,
CWU 1430-15D, CWU 1431-15D,
SW/SE, SEC. 15, T9S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

13. Air Drilling Operations:

1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company; EOG RESOURCES, INC

Well Name: CWU 1431-15D

Api No: 43-047-50311 Lease Type FEDERAL

Section 15 Township 09S Range 22E County UINTAH

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # BUCKET

SPUDDED:

Date 03/11/2012

Time 3:00 PM

How DRY

Drilling will

Commence: _____

Reported by GERALD ASHCRAFT

Telephone # (435) 828-7445

Date 03/09 /2012 Signed CHD

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EOG Resources, Inc.		7. UNIT or CA AGREEMENT NAME: CHAPITA WELLS
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N , Denver, CO, 80202		8. WELL NAME and NUMBER: CWU 1431-15D
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047503110000
9. FIELD and POOL or WILDCAT: NATURAL BUTTES		COUNTY: UINTAH
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 3/11/2012	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The referenced well was spud on 3/11/2012.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 30, 2012

NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk
SIGNATURE N/A	DATE 3/30/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EOG Resources, Inc.		7. UNIT or CA AGREEMENT NAME: CHAPITA WELLS
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N , Denver, CO, 80202		8. WELL NAME and NUMBER: CWU 1431-15D
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047503110000
9. FIELD and POOL or WILDCAT: NATURAL BUTTES		COUNTY: UINTAH
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/11/2012	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

No activity has occurred since spud on 3/11/2012.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 30, 2012

NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk
SIGNATURE N/A	DATE 3/30/2012	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: EOG Resources, Inc.
Address: 600 17th Street, Suite 1000N
city Denver
state CO zip 80202

Operator Account Number: N 9550

Phone Number: (435) 781-9145

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-50313	Chapita Wells Unit 1429-15D		SWSE	15	9S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	13650	3/10/2012			3/30/2012	
Comments: MESAVERDE BHL: Sese							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-50312	Chapita Wells Unit 1430-15D		SWSE	15	9S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	13650	3/11/2012			3/30/2012	
Comments: MESAVERDE BHL: SWSE							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-50311	Chapita Wells Unit 1431-15D		SWSE	15	9S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	13650	3/11/2012			3/30/2012	
Comments: MESAVERDE BHL: NWSE							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

RECEIVED

MAR 30 2012

Div of Oil, Gas & Mining

Mickenzie Gates

Name (Please Print)

Mickenzie Gates

Signature

Regulatory Assistant

Title

3/29/2012

Date

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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PHONE NUMBER: 435 781-9111 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/11/2012	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> ACIDIZE</div> <div style="width: 33%;"><input type="checkbox"/> ALTER CASING</div> <div style="width: 33%;"><input type="checkbox"/> CASING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TUBING</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL NAME</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL STATUS</div> <div style="width: 33%;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</div> <div style="width: 33%;"><input type="checkbox"/> CONVERT WELL TYPE</div> <div style="width: 33%;"><input type="checkbox"/> DEEPEN</div> <div style="width: 33%;"><input type="checkbox"/> FRACTURE TREAT</div> <div style="width: 33%;"><input type="checkbox"/> NEW CONSTRUCTION</div> <div style="width: 33%;"><input type="checkbox"/> OPERATOR CHANGE</div> <div style="width: 33%;"><input type="checkbox"/> PLUG AND ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> PLUG BACK</div> <div style="width: 33%;"><input type="checkbox"/> PRODUCTION START OR RESUME</div> <div style="width: 33%;"><input type="checkbox"/> RECLAMATION OF WELL SITE</div> <div style="width: 33%;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</div> <div style="width: 33%;"><input type="checkbox"/> TEMPORARY ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> TUBING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> VENT OR FLARE</div> <div style="width: 33%;"><input checked="" type="checkbox"/> WATER DISPOSAL</div> <div style="width: 33%;"><input type="checkbox"/> WATER SHUTOFF</div> <div style="width: 33%;"><input type="checkbox"/> SI TA STATUS EXTENSION</div> <div style="width: 33%;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</div> <div style="width: 33%;"><input type="checkbox"/> OTHER</div> </div>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	
<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	
OTHER: <input style="width: 100%;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. respectfully requests authorization for the disposal of produced water at the following locations: NBU 20-20B SWD, CWU 550-30N SWD & CWU 2-29 SWD ROW# UTU85038, Red Wash Evaporation Ponds 1,2,3,4,5,6&7, White River Evaporation Ponds 1&2, Coyote Evaporation Ponds 1&2, Coyote 1-16 SWD and Hoss SWD Wells ROW# UTU86010 & UTU897093.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 April 09, 2012

NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk
SIGNATURE N/A	DATE 3/30/2012	

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company; EOG RESOURCES INC

Well Name: CWU 1431-15D

Api No: 43-047-50311 Lease Type FEDERAL

Section 15 Township 09S Range 22E County UINTAH

Drilling Contractor CRAIG'S ROUSTABOUT RIG # 6

SPUDDED:

Date 04/09/2012

Time 2:00 AM

How ROTARY

Drilling will

Commence: _____

Reported by KERRY SALES

Telephone # (801) 598-5087

Date 04/10 /2012 Signed CHD

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company; EOG RESOURCES INC

Well Name: CWU 1431-15D

Api No: 43-047-50311 Lease Type FEDERAL

Section 15 Township 09S Range 22E County UINTAH

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How ROTARY

Drilling will

Commence: _____

Reported by KERRY SALES

Telephone # (801) 598-5087

Date 04/10 /2012 Signed CHD

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EOG Resources, Inc.		7. UNIT or CA AGREEMENT NAME: CHAPITA WELLS
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N , Denver, CO, 80202		8. WELL NAME and NUMBER: CWU 1431-15D
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047503110000
9. FIELD and POOL or WILDCAT: NATURAL BUTTES		COUNTY: UINTAH
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/25/2012	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Surface casing set, please see the attached well chronology.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 May 09, 2012

NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk
SIGNATURE N/A	DATE 4/25/2012	

WELL CHRONOLOGY REPORT

Report Generated On: 04-24-2012

Well Name	CWU 1431-15D	Well Type	DEVG	Division	DENVER
Field	CHAPITA DEEP	API #	43-047-50311	Well Class	DRIL
County, State	UINTAH, UT	Spud Date		Class Date	
Tax Credit	N	TVD / MD	9,630/ 9,669	Property #	064670
Water Depth	0	Last CSG	9.625	Shoe TVD / MD	2,307/ 2,339
KB / GL Elev	4,859/ 4,840				
Location	Section 15, T9S, R22E, SWSE, 661 FSL & 1836 FEL				

Event No	1.0	Description	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	WI %	55.6055	NRI %	47.59694

AFE No	306866	AFE Total	1,680,705	DHC / CWC	754,105/ 926,600
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Rig Contr		Rig Name		Start Date		Release Date	
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03-13-2009	Reported By	SHEILA MALLOY
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Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
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Cum Costs: Drilling	\$0	Completion	\$0	Well Total	\$0
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MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: LOCATION DATA

Start	End	Hrs	From	To	Activity Description
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06:00	06:00	24.0	0	0	LOCATION DATA
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661' FSL & 1836' FEL (SW/SE)

SECTION 15, T9S, R22E

UINTAH COUNTY, UTAH

LAT 40.030533, LONG 109.423192 (NAD 83)

LAT 40.030569, LONG 109.422508 (NAD 27)

TRUE #34

OBJECTIVE: 9630' TVD/ 9669' MD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP

NATURAL BUTTES FIELD

LEASE: U-0283-A

ELEVATION: 4840' NAT GL, 4840.1' PREP GL (DUE TO ROUNDING PREP GL WILL BE 4840) 4859' KB (19') MULTI PAD WELL W/CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D

EOG WI 55.6055%, NRI 47.59694%

02-21-2012 Reported By ROBERT WILKINS

DailyCosts: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$0	Completion	\$0	Well Total	\$0

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	MOVING IN EQUIPMENT.

02-22-2012 Reported By ROBERT WILKINS

DailyCosts: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$0	Completion	\$0	Well Total	\$0

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	PUSHING DIRT 10% COMPLETE.

02-23-2012 Reported By ROBERT WILKINS

DailyCosts: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$0	Completion	\$0	Well Total	\$0

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	PUSHING DIRT 20% COMPLETE.

02-24-2012 Reported By ROBERT WILKINS

DailyCosts: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$0	Completion	\$0	Well Total	\$0

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	PUSHING DIRT 30% COMPLETE.

02-25-2012 Reported By ROBERT WILKINS

DailyCosts: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$0	Completion	\$0	Well Total	\$0

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	PUSHING DIRT 50% COMPLETE.

02-27-2012 Reported By ROBERT WILKINS

DailyCosts: Drilling \$0 Completion \$0 Daily Total \$0

Cum Costs: Drilling \$0 Completion \$0 Well Total \$0

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: LOCATION BUILD

Start End Hrs From To Activity Description

06:00 06:00 24.0 0 0 LOCATION IS 85% COMPLETE/WORKING ON CLOSED LOOP.

02-28-2012 Reported By ROBERT WILKINS

DailyCosts: Drilling \$0 Completion \$0 Daily Total \$0

Cum Costs: Drilling \$0 Completion \$0 Well Total \$0

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs From To Activity Description

06:00 06:00 24.0 0 0 LOCATION IS 95% COMPLETED/WORKING ON CLOSED LOOP.

02-29-2012 Reported By ROBERT WILKINS

DailyCosts: Drilling \$0 Completion \$0 Daily Total \$0

Cum Costs: Drilling \$0 Completion \$0 Well Total \$0

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: WO SURFACE RIG

Start End Hrs From To Activity Description

06:00 06:00 24.0 0 0 LOCATION IS 100% COMPLETE/WORKING ON CLOSED LOOP. WO SURFACE RIG.

03-12-2012 Reported By GERALD ASHCRAFT

DailyCosts: Drilling \$57,054 Completion \$0 Daily Total \$57,054

Cum Costs: Drilling \$57,054 Completion \$0 Well Total \$57,054

MD 60 TVD 60 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: SPUD NOTIFICATION

Start End Hrs From To Activity Description

06:00 06:00 24.0 0 60 CRAIG'S BUCKET RIG SPUD A 20" HOLE ON 3/11/12 @ 03:00 PM, SET 60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. BLM WAS NOTIFIED BY EMAIL OF SPUD ON 3/8/12 @ 10:26 AM.

04-06-2012 Reported By KERRY SALES

DailyCosts: Drilling \$22,164 Completion \$0 Daily Total \$22,164

Cum Costs: Drilling \$79,219 Completion \$0 Well Total \$79,219

MD 384 TVD 384 Progress 65 Days 0 MW 0.0 Visc 0.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING @ 384'

Start End Hrs From To Activity Description

17:00 22:00 5.0 319 319 MIRU ON THE CWU 1431-15D. RIG ON DAY WORK AT 22:00 HRS ON 4-05-2012.
ALL WELLS WERE PREDRILLED 12 1/4" TO 319' RKB. CHECKED SURFACE DIRECTION WITH 2 GPS.

22:00 03:00 5.0 319 319 PU BHA & TOOLS. ORIENT MWD AND SCRIBE IN HOLE.

03:00 04:00 1.0 319 319 FILL HOLE AND CHECK MUD LINES. WASH FROM 304' TO 319'

04:00 06:00 2.0 319 384 ROTATE AND SLIDE DRILL FROM 319' TO 384'. 65'. ROP 32.5', WOB 10/12, ROTARY 40, MOTOR 79, PUMP 131, GPM 497, PSI 600.
BIT TO BEND 6.8'.
BIT TO MWD 59'.
ALL SURVEYS ADJUSTED TO 19' RKB.

FULL CREWS.
NO ACCIDENTS OR INCIDENTS REPORTED.
SAFETY MEETINGS: RIG UP AND CEMENTING.
DIESEL USED 252 GAL.

04-07-2012 **Reported By** KERRY SALES

DailyCosts: Drilling	\$28,479	Completion	\$0	Daily Total	\$28,479
Cum Costs: Drilling	\$107,698	Completion	\$0	Well Total	\$107,698

MD	1,384	TVD	1,372	Progress	1,000	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: DRILLING @ 1384'

Start	End	Hrs	From	To	Activity Description
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06:00	13:00	7.0	384	694	ROTATE AND SLIDE DRILL FROM 384' TO 694". 310'. ROP 44.3', WOB 10/12, ROTARY 40, MOTOR 79, STKS 130, GPM 494, PSI 850, TFO 20L, 3' ABOVE AND ON THE LINE L/R, SLIDE 45% ROT 55%.
13:00	15:30	2.5	694	694	CHANGE OUT SWABE ON PUMP.
15:30	18:00	2.5	694	814	ROTATE AND SLIDE DRILL FROM 694 TO 814'. 120'. ROP 60', WOB 10/12, ROTARY 40, MOTOR 79, STKS 130, PSI 850, GPM 494.
18:00	06:00	12.0	814	1384	ROTATE AND SLIDE DRILL FROM 814' TO 1384'. 570'. ROP 47.5', WOB 12/14, ROTARY 40, MOTOR 79, STKS 131, PSI 1000, GPM 497, 2' ABOVE AND 1.5' LEFT OF THE LINE, TFO 40R, ROT 84% SLIDE 16%.

FULL CREWS.
NO ACCIDENTS OR INCIDENTS REPORTED.
SAFETY MEETINGS: FALL PROTECTION AND PPE.
DIESEL USED 747 GAL.

04-08-2012 **Reported By** KERRY SALES

DailyCosts: Drilling	\$27,405	Completion	\$0	Daily Total	\$27,405
Cum Costs: Drilling	\$135,104	Completion	\$0	Well Total	\$135,104

MD	2,104	TVD	2,077	Progress	720	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: DRILLING @ 2104'

Start	End	Hrs	From	To	Activity Description
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06:00	18:00	12.0	1384	1804	ROTATE AND SLIDE DRILL FROM 1384' TO 1804'. 420'. ROP 35', WOB 13/14, ROTARY 40, MOTOR 80, STKS 132, GPM 501, PSI 1100, TFO 20R, 1.6' LEFT AND ON THE LINE ABOVE AND BELOW, 86% ROT AND 14% SLIDE. 95/100% RETURNS.
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18:00 06:00 12.0 1804 2104 ROTATE AND SLIDE DRILL FROM 1804' TO 2104'. 300'. ROP 25', WOB 15/18, ROTARY 40, MOTOR 79, STKS 131, GPM 497, PSI 1100, TFO 20R, 4' LEFT OF LINE AND INC ON THE LINE, 88% ROT AND 12% SLIDE. 95/100% RETURNS.

FULL CREWS.

NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS: HIGH PRESSURE AND SAFETY EQUIPMENT.

DIESEL USED 1145 GAL.

CRAIGS BUCKET RIG SET CONDUCTOR ON THE CWU 1430-15D. 4/7/2012.

04-09-2012		Reported By		KERRY SALES							
DailyCosts: Drilling		\$36,826		Completion		\$0		Daily Total		\$36,826	
Cum Costs: Drilling		\$171,930		Completion		\$0		Well Total		\$171,930	
MD	2,349	TVD	2,317	Progress	245	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: WIPER TRIP											
Start	End	Hrs	From	To	Activity Description						
06:00	12:30	6.5	2104	2254	ROTATE AND SLIDE DRILL FROM 2104' TO 2254'. 150'. ROP 23', WOB 14/15, ROTARY 45, MOTOR 80, STKS 132, PSI 1200, GPM 501, TFO 20R, 88 ROT AND 12% SLIDE, 4' LEFT OF LINE AND AZMUTH ON THE LINE. GOOD RETURNS.						
12:30	13:30	1.0	2254	2254	CIRCULATE AND LAY DOWN 3 JT'S OF DRILL PIPE. 90'.						
13:30	14:30	1.0	2254	2254	CHANGE OUT SWAB IN MUD PUMP.						
14:30	15:00	0.5	2254	2254	PICK UP 3 JOINTS AND CONTINUE DRILLING.						
15:00	18:00	3.0	2254	2299	ROTATE AND SLIDE DRILL FROM 2254' TO 2299'. 45', ROP 15'. DRILLING PARAMETERS THE SAME.						
18:00	20:00	2.0	2299	2349	ROTATE AND SLIDE DRILL FROM 2299' TO 2349'. 50'. ROP 25', WOB 14/15, ROTARY 45, MOTOR 80, STKS 132, PSI 1200, GPM 501, TFO 20R, 2' BELOW AND 4' LEFT OF LINE, 73% ROT AND 27% SLIDE. GOOD RETURNS. (MD-TVD 32').						
20:00	21:00	1.0	2349	2349	PUMP 2 POLY PLUS SWEEPS AND CIRCULATE BOTTOMS UP.						
21:00	23:30	2.5	2349	2349	TOH FROM 2349' TO BHA 255'.						
23:30	02:00	2.5	2349	2349	LD BHA & TOOLS, MOTOR, MWD TOOLS, SHOCK SUB, BIT AND DC'S.						
02:00	06:00	4.0	2349	2349	SET UP AND TIH WITH WIPER TRIP. WASH AND REAM THROUGH TIGHT SPOTS AT, 1450',1600', 1630'. 2050' AT 06:00 HRS. TD WELL AT 20:00 HRS ON 4/8/2012. TOTAL DEPTH 2349' RKB 19' FOR TRUE 34. (MD-TVD 32'). FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE. DIESEL USED 751 GALS.						

04-10-2012		Reported By		KERRY SALES							
DailyCosts: Drilling		\$114,639		Completion		\$0		Daily Total		\$114,639	

Cum Costs: Drilling	\$286,570	Completion	\$0	Well Total	\$286,570
MD	2,349	TVD	2,317	Progress	0
				Days	0
				MW	0.0
Formation :		PBTD :	0.0	Perf :	
				PKR Depth :	0.0

Activity at Report Time: WORT

Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	2349	2349	WIPER TRIP FROM 2050' TO 2349'. WASH LAST 60' TO BOTTOM.
06:30	08:30	2.0	2349	2349	RUN 2 POLY PLUS SWEEPS, CIR BOTTOMS UP AND SPOT 50 BBL DRILLING MUD ON BOTTOM.
08:30	12:30	4.0	2349	2349	TOH WIPER TRIP FROM 2349'. LAY DOWN BHA.
12:30	14:30	2.0	2349	2349	R/U TO RUN CASING.
14:30	19:30	5.0	2349	2349	RUN 56 JTS OF 9/5/8", K-55, 36#, STC SURFACE CASING. MD 2339.01', 19' RKB. FLOAT COLLAR AT 2297.22'. RUN 8 CENTRALIZERS FROM 2329' TO 2011' TWO FROM 352' TO 311'. PICK UP LANDING JOINT AND CIRCULATING SWEDGE. (MD, TVD IS 32' FOR THIS WELL.
19:30	21:00	1.5	2349	2349	CIRCULATE CASING 315 BBL'S. FULL RETURNS.
21:00	22:30	1.5	2349	2349	RUN 200' OF 1" TOP OUT PIPE.
22:30	00:30	2.0	2349	2349	RDMO. CLEAN MUD PITS AND PREPARE LOCATION FOR CWU 1429-15DX.
00:30	06:00	5.5	2349	2349	MIRU: HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3000 PSI. PUMPED 10 BBL OF FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL2 MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18. WE DISPLACED CEMENT W/ 176 BBLS OF DRILL WATER. FCP 115 PSI, BUMPED PLUG W/1385 PSI @ 02:42 AM ON 04/10/2012. FLOAT HELD. FULL RETURNS DURING LEAD AND TAIL AND NO RETURNS UNTIL THE LAST 10 BBL'S OF DISPLACEMENT. WOC 1 HRS.

TOP JOB # 1: DOWN 200' OF 1" PIPE, MIXED & PUMPED 100 SX (20.4 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. 1 BBL OF CEMENT TO SURFACE AND FELL BACK. WAIT ON CEMENT 3.5 HRS.

TOP JOB # 2: DOWN 200' OF 1" PIPE 50 SX (10.2 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. CEMENT TO SURFACE 1 BBL BACK, OBSERVE WELL FOR 2 HRS WHILE RIGGING DOWN.

PREPARED THE LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

KERRY SALES NOTIFIED THE BLM VIA E-MAIL OF THE SURFACE CASING & CEMENT JOB ON 04/09/2012 @ 02:00 AM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 04/09/2012 AT 02:00 AM. STATE AND BLM NOTIFIED ON 04/07/2012 @ 04:20 PM.

FULL CREWS.

NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS: RUN CASING AND HALLIBURTON CEMENT LINES.

DIESEL USED 443 GAL.

RIG RELEASED AT 12:30 AM ON 4/10/2012.

CASING TRANSFERED TO CWU 1429-15DX. 5 JT'S 37.01', 41.52', 41.33', 29.56', 28.79'. THREADS OFF TOTAL 178.21'. CONDITION A.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CWU 1431-15D
2. NAME OF OPERATOR: EOG Resources, Inc.	9. API NUMBER: 43047503110000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Vernal, UT, 84078	PHONE NUMBER: 435 781-9111 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/3/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. respectfully requests to change the TD for the referenced well from 9630' TVD 9669' MD to 9575' TVD 9644' MD

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: May 17, 2012

By: 

NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk
SIGNATURE N/A	DATE 5/3/2012	

BLM - Vernal Field Office - Notification Form

Operator EOG Resources Rig Name/# True 34
Submitted By Kerry Sales Phone Number 1-435-828-6404
Well Name/Number CWU 1431-15D
Qtr/Qtr SW/SE Section 15 Township 9 S Range 22 E
Lease Serial Number UTU-0283A
API Number 43-047-50311

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

RECEIVED

MAY 16 2012

DEPT. OF OIL, GAS & MINING

Date/Time _____ AM ☐ PM ☐

BOPE

- ☒ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time 05/17/2012 3:00 AM ☐ PM ☒

Remarks True Rig #34 will test bop.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EOG Resources, Inc.		7. UNIT or CA AGREEMENT NAME: CHAPITA WELLS
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N , Denver, CO, 80202		8. WELL NAME and NUMBER: CWU 1431-15D
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047503110000
9. FIELD and POOL or WILDCAT: NATURAL BUTTES		COUNTY: UINTAH
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/21/2012	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Due to the CWU 1429-15DX rig skid, the referenced well was moved 20ft North. Drilling operations commenced on 5/18/12. Please see the attached well chronology.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

FOR RECORD ONLY

May 31, 2012

NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk
SIGNATURE N/A	DATE 5/21/2012	

Cum Costs: Drilling	\$289,077	Completion	\$0	Well Total	\$289,077
MD	2,349	TVD	2,317	Progress	0
				Days	0
				MW	0.0
Formation :		PBTD : 0.0		Perf :	
				PKR Depth :	0.0

Activity at Report Time: WORT

Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	2349	2349	WIPER TRIP FROM 2050' TO 2349'. WASH LAST 60' TO BOTTOM.
06:30	08:30	2.0	2349	2349	RUN 2 POLY PLUS SWEEPS, CIR BOTTOMS UP AND SPOT 50 BBL DRILLING MUD ON BOTTOM.
08:30	12:30	4.0	2349	2349	TOH WIPER TRIP FROM 2349'. LAY DOWN BHA.
12:30	14:30	2.0	2349	2349	R/U TO RUN CASING.
14:30	19:30	5.0	2349	2349	RUN 56 JTS OF 9/5/8", K-55, 36#, STC SURFACE CASING. MD 2339.01', 19' RKB. FLOAT COLLAR AT 2297.22'. RUN 8 CENTRALIZERS FROM 2329' TO 2011' TWO FROM 352' TO 311'. PICK UP LANDING JOINT AND CIRCULATING SWEDGE. (MD, TVD IS 32' FOR THIS WELL.
19:30	21:00	1.5	2349	2349	CIRCULATE CASING 315 BBL'S. FULL RETURNS.
21:00	22:30	1.5	2349	2349	RUN 200' OF 1" TOP OUT PIPE.
22:30	00:30	2.0	2349	2349	RDMO. CLEAN MUD PITS AND PREPARE LOCATION FOR CWU 1429-15DX.
00:30	06:00	5.5	2349	2349	MIRU: HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3000 PSI. PUMPED 10 BBL OF FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL2 MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18. WE DISPLACED CEMENT W/ 176 BBLS OF DRILL WATER. FCP 115 PSI, BUMPED PLUG W/1385 PSI @ 02:42 AM ON 04/10/2012. FLOAT HELD. FULL RETURNS DURING LEAD AND TAIL AND NO RETURNS UNTIL THE LAST 10 BBL'S OF DISPLACEMENT. WOC 1 HRS.

TOP JOB # 1: DOWN 200' OF 1" PIPE, MIXED & PUMPED 100 SX (20.4 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. 1 BBL OF CEMENT TO SURFACE AND FELL BACK. WAIT ON CEMENT 3.5 HRS.

TOP JOB # 2: DOWN 200' OF 1" PIPE 50 SX (10.2 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. CEMENT TO SURFACE 1 BBL BACK, OBSERVE WELL FOR 2 HRS WHILE RIGGING DOWN.

PREPARED THE LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

KERRY SALES NOTIFIED THE BLM VIA E-MAIL OF THE SURFACE CASING & CEMENT JOB ON 04/09/2012 @ 02:00 AM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 04/09/2012 AT 02:00 AM. STATE AND BLM NOTIFIED ON 04/07/2012 @ 04:20 PM.

FULL CREWS.

NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS: RUN CASING AND HALLIBURTON CEMENT LINES.

DIESEL USED 443 GAL.

RIG RELEASED AT 12:30 AM ON 4/10/2012.

CASING TRANSFERED TO CWU 1429-15DX. 5 JT'S 37.01', 41.52', 41.33', 29.56', 28.79'. THREADS OFF TOTAL 178.21'. CONDITION A.

05-19-2012

Reported By

BILL SNAPP

DailyCosts: Drilling	\$72,336	Completion	\$0	Daily Total	\$72,336
Cum Costs: Drilling	\$361,413	Completion	\$0	Well Total	\$361,413
MD	2,640	TVD	2,603	Progress	291
				Days	1
				MW	10.7
				Visc	32.0
Formation :	PBTD : 0.0		Perf :	PKR Depth : 0.0	

Activity at Report Time: DRILLING @ 2640'

Start	End	Hrs	From	To	Activity Description
10:30	12:30	2.0	0	0	RIG DOWN AND SKID RIG 20' TO CWU 1431-15D
12:30	13:30	1.0	0	0	RIG UP
13:30	15:00	1.5	0	0	NIPPLE UP BOP, RIG ACCEPTED @ 13:30 HRS ON 5/18/2012.
15:00	18:30	3.5	0	0	TEST UPPER & LOWER KELLY VALVES, FLOOR VALVES, CHOKE VALVES, HCR, CHOKE MANIFOLD, CHECK VALVE, PIPE RAMS & BLIND RAMS TO 5000 PSI HIGH, 250 LOW, ANNULAR 2500 PSI HIGH, 250 LOW, CASING 1500 PSI. FUNCTION KOOMEY.
					KERY SALES NOTIFIED THE BLM AND UDOGM BY E-MAIL FOR BOP TEST ON 05/17/2012 AT 3:00 PM. NOTIFICATIONS SENT ON 05/16/2012 AT 3:42 AM. NO REPRESENTATIVE PRESENT.
18:30	19:00	0.5	0	0	SET WEAR BUSHING
19:00	22:00	3.0	0	0	P/U BHA AND ORIENT TOOL FACE. AND PU DP, TAG @ 2290'
22:00	23:00	1.0	0	0	SLIP & CUT DRILL LINE
23:00	23:30	0.5	0	0	INSTALL ROTATING RUBBER AND CORROSION RING.
23:30	01:00	1.5	2349	2359	DRILL CEMENT/FLOAT EQUIP. AND 10' OF NEW HOLE TO 2359'
01:00	01:30	0.5	2359	2359	FIT TO 12.2 PPG EMW
01:30	06:00	4.5	2359	2640	ROTATE AND SLIDE DRILL FROM 2359' TO 2640'. 281'. ROP 62.4'. WOB 20. ROTARY 62, MOTOR 74, GPM 454. 36% SLIDE AND 64% ROT, 11' LEFT AND 15' BELOW THE LINE.

05-20-2012 Reported By BILL SNAPP

DailyCosts: Drilling	\$44,436	Completion	\$0	Daily Total	\$44,436
Cum Costs: Drilling	\$405,849	Completion	\$0	Well Total	\$405,849
MD	3,940	TVD	3,876	Progress	1,300
				Days	2
				MW	10.2
				Visc	32.0
Formation :	PBTD : 0.0		Perf :	PKR Depth : 0.0	

Activity at Report Time: DRILLING @ 3940'

Start	End	Hrs	From	To	Activity Description
06:00	16:00	10.0	2640	3172	ROTATE AND SLIDE DRILL FROM 2640' TO 3172'. 532'. ROP 53'. WOB 20. ROTARY 62, MOTOR 74, GPM 454. 27% SLIDE AND 73% ROT, 20' LEFT AND 19' BELOW THE LINE.
16:00	16:30	0.5	3172	3172	SERVICE RIG
16:30	06:00	13.5	3172	3940	ROTATE AND SLIDE DRILL FROM 3172' TO 3940'. 768'. ROP 57'. WOB 20. ROTARY 56, MOTOR 74, GPM 454. 27% SLIDE AND 73% ROT, 11' LEFT AND 19' BELOW THE LINE.

05-21-2012 Reported By BILL SNAPP

DailyCosts: Drilling	\$37,685	Completion	\$0	Daily Total	\$37,685
Cum Costs: Drilling	\$443,535	Completion	\$0	Well Total	\$443,535
MD	4,910	TVD	4,840	Progress	970
				Days	3
				MW	10.3
				Visc	34.0
Formation :	PBTD : 0.0		Perf :	PKR Depth : 0.0	

Activity at Report Time: DRILLING @ 4,910'

Start	End	Hrs	From	To	Activity Description
06:00	17:30	11.5	3940	4481	ROTATE AND SLIDE DRILL FROM 3940' TO 4481'. 541'. ROP 47 FPH. WOB 20. ROTARY 55, MOTOR 67, GPM 418. 12% SLIDE AND 88% ROT, 4' WEST AND 2' NORTH OF CENTER .
17:30	18:00	0.5	4481	4481	SERVICE RIG

18:00	06:00	12.0	4481	4910	ROTATE AND SLIDE DRILL FROM 4481' TO 4910'. 429'. ROP 35.75' FPH. WOB 20/24. ROTARY 56, MOTOR 74, GPM 454. 9% SLIDE AND 91% ROT.
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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EOG Resources, Inc.		7. UNIT or CA AGREEMENT NAME: CHAPITA WELLS
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N , Denver, CO, 80202		8. WELL NAME and NUMBER: CWU 1431-15D
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047503110000
PHONE NUMBER: 435 781-9111 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> ACIDIZE</div> <div style="width: 33%;"><input type="checkbox"/> ALTER CASING</div> <div style="width: 33%;"><input type="checkbox"/> CASING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TUBING</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL NAME</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL STATUS</div> <div style="width: 33%;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</div> <div style="width: 33%;"><input type="checkbox"/> CONVERT WELL TYPE</div> <div style="width: 33%;"><input type="checkbox"/> DEEPEN</div> <div style="width: 33%;"><input type="checkbox"/> FRACTURE TREAT</div> <div style="width: 33%;"><input type="checkbox"/> NEW CONSTRUCTION</div> <div style="width: 33%;"><input type="checkbox"/> OPERATOR CHANGE</div> <div style="width: 33%;"><input type="checkbox"/> PLUG AND ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> PLUG BACK</div> <div style="width: 33%;"><input type="checkbox"/> PRODUCTION START OR RESUME</div> <div style="width: 33%;"><input type="checkbox"/> RECLAMATION OF WELL SITE</div> <div style="width: 33%;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</div> <div style="width: 33%;"><input type="checkbox"/> TEMPORARY ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> TUBING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> VENT OR FLARE</div> <div style="width: 33%;"><input type="checkbox"/> WATER DISPOSAL</div> <div style="width: 33%;"><input type="checkbox"/> WATER SHUTOFF</div> <div style="width: 33%;"><input type="checkbox"/> SI TA STATUS EXTENSION</div> <div style="width: 33%;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</div> <div style="width: 33%;"><input type="checkbox"/> OTHER</div> </div>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	
<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/4/2012	
OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The referenced well reached TD on 5/28/2012, please see the attached well chronology report.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 June 07, 2012

NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk
SIGNATURE N/A	DATE 6/4/2012	

Activity at Report Time: DRILLING @ 4,910'

Start	End	Hrs	From	To	Activity Description
06:00	17:30	11.5	3940	4481	ROTATE AND SLIDE DRILL FROM 3940' TO 4481'. 541'. ROP 47 FPH. WOB 20. ROTARY 55, MOTOR 67, GPM 418. 12% SLIDE AND 88% ROT, 4' WEST AND 2' NORTH OF CENTER .
17:30	18:00	0.5	4481	4481	SERVICE RIG.
18:00	06:00	12.0	4481	4910	ROTATE AND SLIDE DRILL FROM 4481' TO 4910'. 429'. ROP 35.75' FPH. WOB 20/24. ROTARY 56, MOTOR 74, GPM 454. 9% SLIDE AND 91% ROT.

05-22-2012 **Reported By** BILL SNAPP

DailyCosts: Drilling	\$38,648	Completion	\$0	Daily Total	\$38,648
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Cum Costs: Drilling	\$482,184	Completion	\$0	Well Total	\$482,184
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MD	5,870	TVD	5,800	Progress	960	Days	4	MW	10.4	Visc	35.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: DRILLING @ 5870'

Start	End	Hrs	From	To	Activity Description
06:00	17:00	11.0	4910	5327	ROTATE AND SLIDE DRILL FROM 4910' TO 5327'. 417'. ROP 38' FPH. WOB 20/24. ROTARY 56, SPP 2350 PSI, MOTOR 74, GPM 454. 1% SLIDE AND 99% ROT. WASATCH @ 4795'.
17:00	17:30	0.5	5327	5327	SERVICE RIG.
17:30	06:00	12.5	5327	5870	ROTATE AND SLIDE DRILL FROM 5327' TO 5870'. 543'. ROP 43.5' FPH. WOB 15/24. ROTARY 56, SPP 2320 PSI, MOTOR 74, GPM 454. 0% SLIDE AND 100% ROT. CHAPITA WELLS @ 5398'.

05-23-2012 **Reported By** BILL SNAPP

DailyCosts: Drilling	\$54,872	Completion	\$0	Daily Total	\$54,872
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Cum Costs: Drilling	\$537,056	Completion	\$0	Well Total	\$537,056
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MD	6,791	TVD	6,721	Progress	921	Days	5	MW	10.5	Visc	35.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: DRILLING @ 6791'

Start	End	Hrs	From	To	Activity Description
06:00	16:30	10.5	5870	6295	ROTATE AND SLIDE DRILL FROM 5870' TO 6295'. 425'. ROP 40.4' FPH. WOB 15/24. ROTARY 56, SPP 2000/2320 PSI, DIFF 150/300, MOTOR 74, GPM 454. 4% SLIDE AND 96% ROT. BUCK CANYON @ 6083'.
16:30	17:00	0.5	6295	6295	SERVICE RIG.
17:00	06:00	13.0	6295	6791	ROTATE AND SLIDE DRILL FROM 6295' TO 6791'. 496'. ROP 38' FPH. WOB 15/24. ROTARY 50/60, SPP 2000/2320 PSI, DIFF 150/350, MOTOR 74, GPM 454.
					2% SLIDE AND 98% ROT.
					NORTH HORN @ 6719'

05-24-2012 **Reported By** BILL SNAPP

DailyCosts: Drilling	\$58,350	Completion	\$6,763	Daily Total	\$65,113
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Cum Costs: Drilling	\$595,407	Completion	\$6,763	Well Total	\$602,170
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MD	7,500	TVD	7,430	Progress	709	Days	6	MW	10.9	Visc	37.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: DRILLING @ 7500'

Start	End	Hrs	From	To	Activity Description
06:00	17:30	11.5	6791	7136	ROTATE AND SLIDE DRILL FROM 6791' TO 7136'. 345'. ROP 30' FPH. WOB 15/24. ROTARY 50/60, SPP 2000/2320 PSI, DIFF 150/350, MOTOR 74, GPM 454. 2% SLIDE AND 98% ROT.
17:30	18:00	0.5	7136	7136	SERVICE RIG.
18:00	06:00	12.0	7136	7500	ROTATE AND SLIDE DRILL FROM 7136' TO 7500'. 364'. ROP 30' FPH. WOB 15/24. ROTARY 50/60, SPP 2000/2350 PSI, DIFF 100/300, MOTOR 70, GPM 435. 10% SLIDE AND 90% ROT.
PRICE RIVER @ 7283'.					
LOST 30 BBL MUD @ 7355' AND 70 BBL @ 7463'.					

05-25-2012 **Reported By** BILL SNAPP

DailyCosts: Drilling		\$43,844	Completion		\$0	Daily Total		\$43,844			
Cum Costs: Drilling		\$639,251	Completion		\$6,763	Well Total		\$646,015			
MD	8,120	TVD	8,050	Progress	620	Days	7	MW	11.2	Visc	38.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: DRILLING @ 8120'											

Start	End	Hrs	From	To	Activity Description
06:00	11:30	5.5	7500	7607	ROTATE AND SLIDE DRILL FROM 7500' TO 7607'. 107'. ROP 19.5' FPH. WOB 15/25. ROTARY 50/60, SPP 2200/2580 PSI, DIFF 100/270, MOTOR 67, GPM 435. 2% SLIDE AND 98% ROT. TIGHT HOLE ON CONNECTION @ 7511'. RAISING MW TO 11.2 PPG.
11:30	12:00	0.5	7607	7607	SERVICE RIG.
12:00	06:00	18.0	7607	8120	ROTATE AND SLIDE DRILL FROM 7607' TO 8120'. 513'. ROP 28.5' FPH. WOB 15/25. ROTARY 50/65, SPP 2350/2650 PSI, DIFF 100/300, MOTOR 67, GPM 419.
1% SLIDE AND 99% ROT.					

05-26-2012 **Reported By** BILL SNAPP

DailyCosts: Drilling		\$44,884	Completion		\$0	Daily Total		\$44,884			
Cum Costs: Drilling		\$684,136	Completion		\$6,763	Well Total		\$690,899			
MD	8,925	TVD	8,855	Progress	805	Days	8	MW	11.6	Visc	37.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: DRILLING @ 8925'											

Start	End	Hrs	From	To	Activity Description
06:00	15:30	9.5	8120	8485	ROTATE AND SLIDE DRILL FROM 8120' TO 8485'. 365'. ROP 38.4' FPH. WOB 15/25. ROTARY 50/55, SPP 2350/2650 PSI, DIFF 100/300, MOTOR 64, GPM 401. 0% SLIDE AND 100% ROT.
PRICE RIVER MIDDLE @ 8132'.					
LOST 50 BBL MUD @ 8370'.					
15:30	16:00	0.5	8485	8485	SERVICE RIG.
16:00	06:00	14.0	8485	8925	ROTATE AND SLIDE DRILL FROM 8485' TO 8925'. 440'. ROP 31.4' FPH. WOB 15/25. ROTARY 50/65, SPP 2350/2650 PSI, DIFF 100/300, MOTOR 67, GPM 401. 0% SLIDE AND 100% ROT. PUT RETURNS THROUGH GAS BUSTER @ 8517', 10' TO 12' FLARE ON CONN. GAS @ 8547' FOR 15 MIN. W/11.4 PPG MUD WT THEN DYING OUT. RAISE MUD WT TO 11.6 PPG. INTERMITTENT 2' TO 4' FLARE LASTING 5 MIN ON CONNECTIONS W/11.6 PPG MUD WT.
LOWER PRICE RIVER @ 8919'					

05-27-2012 **Reported By** BILL SNAPP

DailyCosts: Drilling	\$45,079	Completion	\$0	Daily Total	\$45,079
Cum Costs: Drilling	\$729,215	Completion	\$6,763	Well Total	\$735,978
MD	9,620	TVD	9,550	Progress	695
		Days	9	MW	12.0
Formation :		PBTD : 0.0		Perf :	
				PKR Depth : 0.0	

Activity at Report Time: DRILLING @ 9620'

Start	End	Hrs	From	To	Activity Description
06:00	16:00	10.0	8925	9296	ROTATE AND SLIDE DRILL FROM 8925' TO 9296'. 371'. ROP 37' FPH. WOB 15/25. ROTARY 50/65, SPP 2350/2650 PSI, DIFF 100/300, MOTOR 64, GPM 401. 0% SLIDE AND 100% ROT, NO FLARE. MUD WT 11.9 PPG. LOST 65 BBLS @ 9280'
16:00	16:30	0.5	9296	9296	SERVICE RIG.
16:30	06:00	13.5	9296	9620	ROTATE AND SLIDE DRILL FROM 9296' TO 9620'. 324'. ROP 24 FPH. WOB 15/26. ROTARY 50/65, SPP 2350/2650 PSI, DIFF 100/275, MOTOR 67, GPM 419. 0% SLIDE AND 100% ROT. SEGO @ 9514' LOST 60 BBL MUD @ 9475'. NO FLARE. MUD WT 12 PPG.

05-28-2012 Reported By BILL SNAPP

DailyCosts: Drilling	\$58,258	Completion	\$0	Daily Total	\$58,258
Cum Costs: Drilling	\$787,474	Completion	\$6,763	Well Total	\$794,237
MD	9,716	TVD	9,645	Progress	96
		Days	10	MW	12.2
Formation :		PBTD : 0.0		Perf :	
				PKR Depth : 0.0	

Activity at Report Time: LD DP

Start	End	Hrs	From	To	Activity Description
06:00	07:30	1.5	9620	9655	ROTATE AND SLIDE DRILL FROM 9620' TO 9655'. 35'. ROP 23 FPH. WOB 15/26. ROTARY 50/65, SPP 2350/2650 PSI, DIFF 100/255, MOTOR 67, GPM 419. 100% ROT. NO FLARE. MUD WT. 12 PPG.
07:30	08:00	0.5	9655	9655	CHECK FLOW, PUMP SLUG.
08:00	14:00	6.0	9655	9655	TRIP OUT TO LD DIRECTIONAL TOOLS AND PU BITSUB & BIT, PULLING @ 40/42 FT/MIN. USING PIPE SPINNERS. WORK AND WIPE TIGHT SPOTS @ 5750' AND 5500'.
14:00	15:00	1.0	9655	9655	LD DIRECTIONAL BHA & PU BITSUB AND BIT#4.
15:00	15:30	0.5	9655	9655	SERVICE RIG.
15:30	20:30	5.0	9655	9655	TIH WITH BIT AND BITSUB W/ FLOAT AND BAFFLE. WIPE TIGHT SPOT @ 4435', W&R SPOT@ 4593', WIPE THROUGH SPOT GONE. TIH WITH NO FURTHER PROBLEMS. W/R FROM 9600' TO 9655', WHILE PICKING UP SINGLE TO REPLACE DIR. TOOLS. 20' FLARE WITH BOTTOMS UP, LASTING 10 MIN. THEN TAPERING TO INTERMITTENT 5' TO 10'.
20:30	21:30	1.0	9655	9655	W/R FROM 9600' TO 9655', WHILE PICKING UP SINGLE TO REPLACE DIR. TOOLS. 20' FLARE WITH BOTTOMS UP, LASTING 10 MIN. THEN TAPERING TO INTERMITTENT 5' TO 10' LASTING '0 MIN. WITH 12 PPG MUD WT. SLOWLY RAISING WUD WT. TO 12.2 PPG.
21:30	01:30	4.0	9655	9716	DRILL FROM 9655' TO 9716'. 61'. ROP 15.25 FPH. WOB 15/20. ROTARY 68/70, SPP 2050 PSI, GPM 419. NO FLARE. MUD WT. 12.2 PPG. REACHED TD @ 01:30, 5/28/2012.
01:30	03:00	1.5	9716	9716	CIRCULATE 1 1/2 BOTTOMS UP. NO FLARE, LOST 40 BBL MUD PUMPING 401 GPM, SLOWED PUMP TO 279 GPM, MUD VOLUME HOLDING.

03:00	03:30	0.5	9716	9716 CHECK FLOW, DROP SURVEY AND PUMP 60 BBL 14.2 PPG SLUG.
03:30	04:00	0.5	9716	9716 LAY DOWN DRILL PIPE, PULLING @ 38 TO 40 FT/MIN. USING PIPE SPINNERS.
04:00	05:00	1.0	9716	9716 HOLE NOT FILLING FROM TRIP TANK, PU KELLY BREAK CIRC, AND SPOT LCM. FORMATION HOLDING @ 175 GPM., REPUMP 40 BBL 13.2 PPG SLUG.
05:00	06:00	1.0	9716	9716 LAY DOWN DRILL PIPE, PULLING @ 38 TO 40 FT/MIN. USING PIPE SPINNERS. HOLE CIRCULATING ON BACKSIDE.

05-29-2012 **Reported By** BILL SNAPP

DailyCosts: Drilling	\$20,192	Completion	\$169,462	Daily Total	\$189,655
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Cum Costs: Drilling	\$807,667	Completion	\$176,225	Well Total	\$983,892
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MD	9,716	TVD	9,645	Progress	0	Days	11	MW	12.2	Visc	38.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: RDRT/ WO COMPLETION

Start	End	Hrs	From	To	Activity Description
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06:00	14:30	8.5	9716	9716	LAY DOWN DRILL PIPE AND BHA. RIG SURVEY= 1.5 @ 9685'.
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14:30	15:00	0.5	9716	7916	PULL WEAR BUSHING.
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15:00	16:00	1.0	9716	9716	PJSM/RIG UP WEATHERFORD CASING CREW.
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16:00	22:30	6.5	9716	9716	RUN TOTAL OF 231 JTS OF CASING (229 FULL JTS OF 4.5", 11.6#, N-80, LT&C + 2 MARKER JOINTS 11.6#, P-110, LTC) AS FOLLOWS: FLOAT SHOE, 1 JT CASING, FLOAT COLLAR, 56 JTS OF CASING, MARKER JOINT @ TOP OF PRICE RIVER, 68 JTS CASING, MARKER JOINT @ 400' ABOVE WASATCH, 104 JTS CASING. RAN 3 TURBILIZERS (5' ABOVE SHOE AND MIDDLE OF JTS #2 & #3) + 1 BOW CENTRALIZER ON 4TH JOINT THEN EVERY 3RD JOINT THEREAFTER TO 400' ABOVE WASATCH (TOTAL OF 42). TAG BOTTOM, LAY DOWN TAG JOINT. PICK UP MANDREL & LAND CASING W/85K STRING WEIGHT @ 9702.08'. CASING WENT TO BOTTOM W/NO HOLE PROBLEMS.
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CASING LANDED @ 22:30 AS FOLLOWS (DEPTHS SHOWN ARE TOPS OF COMPONENTS UNLESS OTHERWISE STATED):

FLOAT SHOE (BOTTOM): 9702'

FLOAT COLLAR: 9654'

MARKER JOINT: 7281'

MARKER JOINT: 4404'

22:30	23:30	1.0	9716	9716	CIRCULATE CASING, LAST 200 BBL MUD CONTAINING .5 GPT GA 25. NO FLARE.
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23:30	02:00	2.5	9716	9716	PJSM, TEST LINE TO 5000 PSI. PUMP 20 BBLS OF CHEMICAL FLUSH W/0.5 GPT XCIDE, 10 FRESH WATER W 0.5 GPT XCIDE. PUMP 515 SKS (147 BBLS) OF 12.5#, 1.61 YIELD W/6% BENTONITE, 0.3% VERSASET, 0.5% HR-5 OF LEAD CEMENT. 1400 SKS (366 BBLS) OF 13.5#, 1.47 YIELD W/0.125 LBM POLY-E-FLAKE OF TAIL CEMENT. DISPLACED W/150 BBLS OF FRESH WATER W/.5 GPT MYACIDE. DISPLACED @ 8 BBLS MIN. SLOWED TO 2 BBLS MIN W/140 BBLS GONE. FCP 2550 PSI. BUMPED PLUG & PRESSURED UP TO 3510#, BLEED OFF & CHECK FLOAT, FLOATS HELD, 2 BBLS BACK. FULL RETURNS THROUGHOUT JOB. NO CEMENT TO SURFACE.
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02:00	03:00	1.0	9716	9716	PRESSURE BACK TO 1000 PSI AND HOLD 1 HR.
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03:00	04:00	1.0	9716	9716	SET PACK OFF & TEST TO 5000# FOR 15 MIN.
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04:00	05:00	1.0	9716	9716	NIPPLE DOWN BOP.
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05:00	06:00	1.0	9716	9716	CLEAN MUD TANKS. RDRT.
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DIESEL TRANSFERRED TO CWU 1426-15D 4928 GALS @ 3.7959 PER GALLON. TOTAL \$18,524.35.

06:00		0	0	RELEASE RIG ON 5/29/2012 AT 6:00 AM.
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CASING POINT COST \$812,917

BLM - Vernal Field Office - Notification Form

Operator EOG Resources Rig Name/# True 34
Submitted By Bill Snapp Phone Number 1-435-828-6404
Well Name/Number CWU 1431-15D
Qtr/Qtr SW/SE Section 15 Township 9 S Range 22 E
Lease Serial Number UTU-0283A
API Number 43-047-50311

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
☐ Intermediate Casing
☒ Production Casing
☐ Liner
☐ Other

RECEIVED

MAY 30 2012

DIV. OF OIL, GAS & MINING

Date/Time 05/28/2012 10:30 AM ☒ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EOG Resources, Inc.		7. UNIT or CA AGREEMENT NAME: CHAPITA WELLS
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N , Denver, CO, 80202		8. WELL NAME and NUMBER: CWU 1431-15D
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047503110000
9. FIELD and POOL or WILDCAT: NATURAL BUTTES		COUNTY: UINTAH
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 7/2/2012	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Waiting on completion operations, please see the attached well chronology.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

FOR RECORD ONLY

July 03, 2012

NAME (PLEASE PRINT) Vail Nazzaro	PHONE NUMBER 303 824-5590	TITLE Sr. Regulatory Assistant
SIGNATURE N/A	DATE 7/2/2012	

03:00	03:30	0.5	9716	9716	CHECK FLOW, DROP SURVEY AND PUMP 60 BBL 14.2 PPG SLUG.
03:30	04:00	0.5	9716	9716	LAY DOWN DRILL PIPE, PULLING @ 38 TO 40 FT/MIN. USING PIPE SPINNERS.
04:00	05:00	1.0	9716	9716	HOLE NOT FILLING FROM TRIP TANK, PU KELLY BREAK CIRC, AND SPOT LCM. FORMATION HOLDING @ 175 GPM., REPUMP 40 BBL 13.2 PPG SLUG.
05:00	06:00	1.0	9716	9716	LAY DOWN DRILL PIPE, PULLING @ 38 TO 40 FT/MIN. USING PIPE SPINNERS. HOLE CIRCULATING ON BACKSIDE.

05-29-2012 **Reported By** BILL SNAPP

DailyCosts: Drilling	\$20,192	Completion	\$169,462	Daily Total	\$189,655
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Cum Costs: Drilling	\$807,667	Completion	\$176,225	Well Total	\$983,892
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MD	9,716	TVD	9,645	Progress	0	Days	11	MW	12.2	Visc	38.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: RDRT/ WO COMPLETION

Start	End	Hrs	From	To	Activity Description
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06:00	14:30	8.5	9716	9716	LAY DOWN DRILL PIPE AND BHA. RIG SURVEY= 1.5 @ 9685'.
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14:30	15:00	0.5	9716	7916	PULL WEAR BUSHING.
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15:00	16:00	1.0	9716	9716	PJSM/RIG UP WEATHERFORD CASING CREW.
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16:00	22:30	6.5	9716	9716	RUN TOTAL OF 231 JTS OF CASING (229 FULL JTS OF 4.5", 11.6#, N-80, LT&C + 2 MARKER JOINTS 11.6#, P-110, LTC) AS FOLLOWS: FLOAT SHOE, 1 JT CASING, FLOAT COLLAR, 56 JTS OF CASING, MARKER JOINT @ TOP OF PRICE RIVER, 68 JTS CASING, MARKER JOINT @ 400' ABOVE WASATCH, 104 JTS CASING. RAN 3 TURBILIZERS (5' ABOVE SHOE AND MIDDLE OF JTS #2 & #3) + 1 BOW CENTRALIZER ON 4TH JOINT THEN EVERY 3RD JOINT THEREAFTER TO 400' ABOVE WASATCH (TOTAL OF 42). TAG BOTTOM, LAY DOWN TAG JOINT. PICK UP MANDREL & LAND CASING W/85K STRING WEIGHT @ 9702.08'. CASING WENT TO BOTTOM W/NO HOLE PROBLEMS.
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CASING LANDED @ 22:30 AS FOLLOWS (DEPTHS SHOWN ARE TOPS OF COMPONENTS UNLESS OTHERWISE STATED):

FLOAT SHOE (BOTTOM): 9702'

FLOAT COLLAR: 9654'

MARKER JOINT: 7281'

MARKER JOINT: 4404'

22:30	23:30	1.0	9716	9716	CIRCULATE CASING, LAST 200 BBL MUD CONTAINING .5 GPT GA 25. NO FLARE.
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23:30	02:00	2.5	9716	9716	PJSM, TEST LINE TO 5000 PSI. PUMP 20 BBLS OF CHEMICAL FLUSH W/0.5 GPT XCIDE, 10 FRESH WATER W 0.5 GPT XCIDE. PUMP 515 SKS (147 BBLS) OF 12.5#, 1.61 YIELD W/6% BENTONITE, 0.3% VERSASET, 0.5% HR-5 OF LEAD CEMENT. 1400 SKS (366 BBLS) OF 13.5#, 1.47 YIELD W/0.125 LBM POLY-E-FLAKE OF TAIL CEMENT. DISPLACED W/150 BBLS OF FRESH WATER W/.5 GPT MYACIDE. DISPLACED @ 8 BBLS MIN. SLOWED TO 2 BBLS MIN W/140 BBLS GONE. FCP 2550 PSI. BUMPED PLUG & PRESSURED UP TO 3510#, BLEED OFF & CHECK FLOAT, FLOATS HELD, 2 BBLS BACK. FULL RETURNS THROUGHOUT JOB. NO CEMENT TO SURFACE.
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02:00	03:00	1.0	9716	9716	PRESSURE BACK TO 1000 PSI AND HOLD 1 HR.
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03:00	04:00	1.0	9716	9716	SET PACK OFF & TEST TO 5000# FOR 15 MIN.
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04:00	05:00	1.0	9716	9716	NIPPLE DOWN BOP.
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05:00	06:00	1.0	9716	9716	CLEAN MUD TANKS. RDRT.
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DIESEL TRANSFERRED TO CWU 1426-15D 4928 GALS @ 3.7959 PER GALLON. TOTAL \$18,524.35.

06:00		0	0	RELEASE RIG ON 5/29/2012 AT 6:00 AM.
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CASING POINT COST \$812,917

06-27-2012		Reported By		SEARLE							
DailyCosts: Drilling		\$0		Completion		\$15,000		Daily Total		\$15,000	
Cum Costs: Drilling		\$807,667		Completion		\$191,225		Well Total		\$998,892	
MD	9,716	TVD	9,645	Progress	0	Days	12	MW	0.0	Visc	0.0
Formation :			PBTD : 9638.0			Perf :			PKR Depth : 0.0		
Activity at Report Time:											
Start	End	Hrs	From	To	Activity Description						
06:00			0	0	MIRU CUTTERS WIRELINE. LOG WITH CBL/CCL/VDL/GR FROM 9637' TO 50'. EST CEMENT TOP @ 2340'. RDWL.						

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 03 2009

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

BLM

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU0283A
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator EOG RESOURCES INC Contact: KAYLENE R GARDNER E-Mail: KAYLENE_GARDNER@EOGRESOURCES.COM		7. If Unit or CA Agreement, Name and No. UTU63013BF
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-9111	8. Lease Name and Well No. CWU 1431-15D
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWSE 661FSL 1836FEL 40.03053 N Lat, 109.42319 W Lon At proposed prod. zone NWSE 1355FSL 2039FEL 40.03244 N Lat, 109.42393 W Lon		9. API Well No. 43-047-50311
14. Distance in miles and direction from nearest town or post office* 47.9 MILES SOUTH OF VERNAL		10. Field and Pool, or Exploratory NATURAL BUTTES
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1355	16. No. of Acres in Lease 1360.00	11. Sec., T., R., M., or Blk. and Survey or Area Sec 15 T9S R22E Mer SLB SME: BLM
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 760	19. Proposed Depth 9608 MD 9580 TVD	12. County or Parish UINTAH
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4840 GL	22. Approximate date work will start	13. State UT
20. BLM/BIA Bond No. on file NM2308		17. Spacing Unit dedicated to this well
23. Estimated duration 45-DAYS		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) KAYLENE R GARDNER Ph: 435-781-9111	Date 03/03/2009
Title LEAD REGULATORY ASSISTANT		
Approved by (Signature) 	Name (Printed/Typed) Jen Jenkins	Date JUN 24 2009
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

NOTICE OF APPROVAL

Electronic Submission #67749 verified by the BLM Well Information System
For EOG RESOURCES INC, sent to the Vernal
Committed to AFMSS for processing by GAIL JENKINS on 03/18/2009 (09GXJ3379AE)

RECEIVED

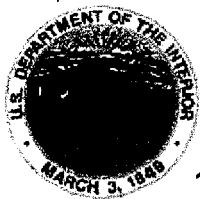
JUL 01 2009

DIV. OF OIL, GAS & MINING

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

09GXJ2758AE NOS: 02-12-2009

UDOGM



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: EOG RESOURCES
Well No: CWU 1431-15D
API No: 43-047-50311

Location: SWSE SEC. 15, T9S, R22E
Lease No: UTU-0283A
Agreement: CHAPITA WELLS UNIT

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Prevent fill and stock piles from entering drainages.
- The access road shall be crowned and ditched. Flat-bladed roads are not allowed.
- The authorized officer may prohibit surface disturbing activities during severe winter, wet, or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches, or gravel (from a private or commercial source) etc. shall be needed to control the erosion. Low-water crossings and culverts shall be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Bury pipelines at all low water crossings.
- Surface pipelines will be placed 5-10 feet outside of the borrow area.
- Surface pipelines will be placed in such a way that they will not wander into the borrow area.
- Pipelines will be buried at all major road and drainage crossings.
- The pit liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- The production casing cement shall extend a minimum of 200 feet above the surface casing shoe.
- A formation integrity test shall be performed at the surface casing shoe.
- Gamma Ray Log shall be run from Total Depth to Surface.
- Electronic/mechanical mud monitoring equipment shall be required, from surface casing shoe to TD, which shall include as a minimum: pit volume totalizer (PVT); stroke counter; and flow sensor.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0283A
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EOG Resources, Inc.		7. UNIT or CA AGREEMENT NAME: CHAPITA WELLS
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N , Denver, CO, 80202		8. WELL NAME and NUMBER: CWU 1431-15D
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FSL 1836 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 15 Township: 09.0S Range: 22.0E Meridian: S		9. API NUMBER: 43047503110000
9. FIELD and POOL or WILDCAT: NATURAL BUTTES		COUNTY: UINTAH
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/23/2012	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME		
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

 The referenced well is was turned to sales on 7-23-2012. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 August 01, 2012

NAME (PLEASE PRINT) Vail Nazzaro	PHONE NUMBER 303 824-5590	TITLE Sr. Regulatory Assistant
SIGNATURE N/A	DATE 7/24/2012	

WELL CHRONOLOGY REPORT

Report Generated On: 07-24-2012

Well Name	CWU 1431-15D	Well Type	DEVG	Division	DENVER
Field	CHAPITA DEEP	API #	43-047-50311	Well Class	COMP
County, State	UINTAH, UT	Spud Date	05-19-2012	Class Date	07-23-2012
Tax Credit	N	TVD / MD	9,645/ 9,714	Property #	064670
Water Depth	0	Last CSG	2.375	Shoe TVD / MD	8,004/ 8,004
KB / GL Elev	4,859/ 4,840				
Location	Section 15, T9S, R22E, SWSE, 661 FSL & 1836 FEL				

Event No	1.0	Description	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	WI %	55.605	NRI %	47.597

AFE No	306866	AFE Total	1,680,705	DHC / CWC	754,105/ 926,600		
Rig Contr		Rig Name	TRUE #34	Start Date	05-14-2012	Release Date	05-29-2012
Rig Contr	POWELL SER. INC	Rig Name	RIG 1	Start Date	07-19-2012	Release Date	07-20-2012

03-13-2009 **Reported By** SHEILA MALLOY

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$0	Completion	\$0	Well Total	\$0

MD 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0

Formation : **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

Activity at Report Time: LOCATION DATA

Start	End	Hrs	From	To	Activity Description
-------	-----	-----	------	----	----------------------

06:00	06:00	24.0	0	0	LOCATION DATA
					661' FSL & 1836' FEL (SW/SE)
					SECTION 15, T9S, R22E
					UINTAH COUNTY, UTAH

LAT 40.030533, LONG 109.423192 (NAD 83)

LAT 40.030569, LONG 109.422508 (NAD 27)

TRUE #34

OBJECTIVE: 9645' TVD/ 9714' MD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP

NATURAL BUTTES FIELD

LEASE: U-0283-A

ELEVATION: 4840' NAT GL, 4840.1' PREP GL (DUE TO ROUNDING PREP GL WILL BE 4840) 4859' KB (19') MULTI PAD WELL W/CWU 1426-15D, CWU 1428-15D, CWU 1429-15D, CWU 1430-15D, CWU 1431-15D

Sundry Number: 28007 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Field: CHAPITA DEEP

Property: 064670

EOG WI 55.6055%, NRI 47.59694%

02-21-2012		Reported By		ROBERT WILKINS							
DailyCosts: Drilling		\$0		Completion		\$0		Daily Total		\$0	
Cum Costs: Drilling		\$0		Completion		\$0		Well Total		\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :				PBTD : 0.0				Perf : PKR Depth : 0.0			
Activity at Report Time: BUILD LOCATION											
Start	End	Hrs	From	To	Activity Description						
06:00	06:00	24.0	0	0	MOVING IN EQUIPMENT.						

02-22-2012		Reported By		ROBERT WILKINS							
DailyCosts: Drilling		\$0		Completion		\$0		Daily Total		\$0	
Cum Costs: Drilling		\$0		Completion		\$0		Well Total		\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :				PBTD : 0.0				Perf :			
								PKR Depth : 0.0			
Activity at Report Time: BUILD LOCATION											
Start	End	Hrs	From	To	Activity Description						
06:00	06:00	24.0	0	0	PUSHING DIRT 10% COMPLETE.						

02-23-2012		Reported By		ROBERT WILKINS							
DailyCosts: Drilling		\$0		Completion		\$0		Daily Total		\$0	
Cum Costs: Drilling		\$0		Completion		\$0		Well Total		\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: BUILD LOCATION											
Start	End	Hrs	From	To	Activity Description						
06:00	06:00	24.0	0	0	PUSHING DIRT 20% COMPLETE.						

02-24-2012		Reported By		ROBERT WILKINS											
DailyCosts: Drilling		\$0		Completion		\$0		Daily Total		\$0					
Cum Costs: Drilling		\$0		Completion		\$0		Well Total		\$0					
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0				
Formation :				PBTD : 0.0				Perf :				PKR Depth : 0.0			
Activity at Report Time: BUILD LOCATION															
Start	End	Hrs	From	To	Activity Description										
06:00	06:00	24.0	0	0	PUSHING DIRT 30% COMPLETE.										

02-25-2012		Reported By		ROBERT WILKINS									
DailyCosts: Drilling		\$0		Completion		\$0		Daily Total		\$0			
Cum Costs: Drilling		\$0		Completion		\$0		Well Total		\$0			
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0		
Formation :				PBTD : 0.0				Perf :				PKR Depth : 0.0	
Activity at Report Time: BUILD LOCATION													

Sundry Number: 28007 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Field: CHAPITA DEEP

Property: 064670

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	PUSHING DIRT 50% COMPLETE.

02-27-2012 **Reported By** ROBERT WILKINS**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0**Cum Costs: Drilling** \$0 **Completion** \$0 **Well Total** \$0**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0****Activity at Report Time:** LOCATION BUILD

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	LOCATION IS 85% COMPLETE/WORKING ON CLOSED LOOP.

02-28-2012 **Reported By** ROBERT WILKINS**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0**Cum Costs: Drilling** \$0 **Completion** \$0 **Well Total** \$0**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0****Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	LOCATION IS 95% COMPLETED/WORKING ON CLOSED LOOP.

02-29-2012 **Reported By** ROBERT WILKINS**DailyCosts: Drilling** \$0 **Completion** \$0 **Daily Total** \$0**Cum Costs: Drilling** \$0 **Completion** \$0 **Well Total** \$0**MD** 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0****Activity at Report Time:** WO SURFACE RIG

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	LOCATION IS 100% COMPLETE/WORKING ON CLOSED LOOP. WO SURFACE RIG.

03-12-2012 **Reported By** GERALD ASHCRAFT**DailyCosts: Drilling** \$57,054 **Completion** \$0 **Daily Total** \$57,054**Cum Costs: Drilling** \$57,054 **Completion** \$0 **Well Total** \$57,054**MD** 60 **TVD** 60 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0****Activity at Report Time:** SPUD NOTIFICATION

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	60	CRAIG'S BUCKET RIG SPUD A 20" HOLE ON 3/11/12 @ 03:00 PM, SET 60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. BLM WAS NOTIFIED BY EMAIL OF SPUD ON 3/8/12 @ 10:26 AM.

04-06-2012 **Reported By** KERRY SALES**DailyCosts: Drilling** \$22,164 **Completion** \$0 **Daily Total** \$22,164**Cum Costs: Drilling** \$79,219 **Completion** \$0 **Well Total** \$79,219**MD** 384 **TVD** 384 **Progress** 65 **Days** 0 **MW** 0.0 **Visc** 0.0**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

Sundry Number: 28007 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Field: CHAPITA DEEP

Property: 064670

Activity at Report Time: DRILLING @ 384'

Start	End	Hrs	From	To	Activity Description
17:00	22:00	5.0	319	319	MIRU ON THE CWU 1431-15D. RIG ON DAY WORK AT 22:00 HRS ON 4-05-2012. ALL WELLS WERE PREDRILLED 12 1/4" TO 319' RKB. CHECKED SURFACE DIRECTION WITH 2 GPS.
22:00	03:00	5.0	319	319	PU BHA & TOOLS. ORIENT MWD AND SCRIBE IN HOLE.
03:00	04:00	1.0	319	319	FILL HOLE AND CHECK MUD LINES. WASH FROM 304' TO 319'
04:00	06:00	2.0	319	384	ROTATE AND SLIDE DRILL FROM 319' TO 384'. 65'. ROP 32.5', WOB 10/12, ROTARY 40, MOTOR 79, PUMP 131, GPM 497, PSI 600. BIT TO BEND 6.8'. BIT TO MWD 59'. ALL SURVEYS ADJUSTED TO 19' RKB. FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: RIG UP AND CEMENTING. DIESEL USED 252 GAL.

04-07-2012 **Reported By** KERRY SALES

DailyCosts: Drilling	\$28,479	Completion	\$0	Daily Total	\$28,479
Cum Costs: Drilling	\$107,698	Completion	\$0	Well Total	\$107,698

MD	1,384	TVD	1,372	Progress	1,000	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: DRILLING @ 1384'

Start	End	Hrs	From	To	Activity Description
06:00	13:00	7.0	384	694	ROTATE AND SLIDE DRILL FROM 384' TO 694". 310'. ROP 44.3', WOB 10/12, ROTARY 40, MOTOR 79, STKS 130, GPM 494, PSI 850, TFO 20L, 3' ABOVE AND ON THE LINE L/R, SLIDE 45% ROT 55%.
13:00	15:30	2.5	694	694	CHANGE OUT SWABE ON PUMP.
15:30	18:00	2.5	694	814	ROTATE AND SLIDE DRILL FROM 694 TO 814'. 120'. ROP 60', WOB 10/12, ROTARY 40, MOTOR 79, STKS 130, PSI 850, GPM 494.
18:00	06:00	12.0	814	1384	ROTATE AND SLIDE DRILL FROM 814' TO 1384'. 570'. ROP 47.5', WOB 12/14, ROTARY 40, MOTOR 79, STKS 131, PSI 1000, GPM 497, 2' ABOVE AND 1.5' LEFT OF THE LINE, TFO 40R, ROT 84% SLIDE 16%. FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED. SAFETY MEETINGS: FALL PROTECTION AND PPE. DIESEL USED 747 GAL.

04-08-2012 **Reported By** KERRY SALES

DailyCosts: Drilling	\$27,405	Completion	\$0	Daily Total	\$27,405
Cum Costs: Drilling	\$135,104	Completion	\$0	Well Total	\$135,104

MD	2,104	TVD	2,077	Progress	720	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: DRILLING @ 2104'

Start	End	Hrs	From	To	Activity Description
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Sundry Number: 28007 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Field: CHAPITA DEEP

Property: 064670

06:00	18:00	12.0	1384	1804	ROTATE AND SLIDE DRILL FROM 1384' TO 1804'. 420'. ROP 35', WOB 13/14, ROTARY 40, MOTOR 80, STKS 132, GPM 501, PSI 1100, TFO 20R, 1.6' LEFT AND ON THE LINE ABOVE AND BELOW, 86% ROT AND 14% SLIDE. 95/100% RETURNS.
18:00	06:00	12.0	1804	2104	ROTATE AND SLIDE DRILL FROM 1804' TO 2104'. 300'. ROP 25', WOB 15/18, ROTARY 40, MOTOR 79, STKS 131, GPM 497, PSI 1100, TFO 20R, 4' LEFT OF LINE AND INC ON THE LINE, 88% ROT AND 12% SLIDE. 95/100% RETURNS.

FULL CREWS.

NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS: HIGH PRESSURE AND SAFETY EQUIPMENT.

DIESEL USED 1145 GAL.

CRAIGS BUCKET RIG SET CONDUCTOR ON THE CWU 1430-15D. 4/7/2012.

04-09-2012 **Reported By** KERRY SALES**DailyCosts: Drilling** \$36,826 **Completion** \$0 **Daily Total** \$36,826**Cum Costs: Drilling** \$171,930 **Completion** \$0 **Well Total** \$171,930**MD** 2,349 **TVD** 2,317 **Progress** 245 **Days** 0 **MW** 0.0 **Visc** 0.0**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0****Activity at Report Time:** WIPER TRIP**Start** **End** **Hrs** **From** **To** **Activity Description**

06:00	12:30	6.5	2104	2254	ROTATE AND SLIDE DRILL FROM 2104' TO 2254'. 150'. ROP 23', WOB 14/15, ROTARY 45, MOTOR 80, STKS 132, PSI 1200, GPM 501, TFO 20R, 88 ROT AND 12% SLIDE, 4' LEFT OF LINE AND AZMUTH ON THE LINE. GOOD RETURNS.
12:30	13:30	1.0	2254	2254	CIRCULATE AND LAY DOWN 3 JT'S OF DRILL PIPE. 90'.
13:30	14:30	1.0	2254	2254	CHANGE OUT SWAB IN MUD PUMP.
14:30	15:00	0.5	2254	2254	PICK UP 3 JOINTS AND CONTINUE DRILLING.
15:00	18:00	3.0	2254	2299	ROTATE AND SLIDE DRILL FROM 2254' TO 2299'. 45', ROP 15'. DRILLING PARAMETERS THE SAME.
18:00	20:00	2.0	2299	2349	ROTATE AND SLIDE DRILL FROM 2299' TO 2349'. 50'. ROP 25', WOB 14/15, ROTARY 45, MOTOR 80, STKS 132, PSI 1200, GPM 501, TFO 20R, 2' BELOW AND 4' LEFT OF LINE, 73% ROT AND 27% SLIDE. GOOD RETURNS. (MD-TVD 32').
20:00	21:00	1.0	2349	2349	PUMP 2 POLY PLUS SWEEPS AND CIRCULATE BOTTOMS UP.
21:00	23:30	2.5	2349	2349	TOH FROM 2349' TO BHA 255'.
23:30	02:00	2.5	2349	2349	LD BHA & TOOLS, MOTOR, MWD TOOLS, SHOCK SUB, BIT AND DC'S.
02:00	06:00	4.0	2349	2349	SET UP AND TIH WITH WIPER TRIP. WASH AND REAM THROUGH TIGHT SPOTS AT, 1450', 1600', 1630'. 2050' AT 06:00 HRS. TD WELL AT 20:00 HRS ON 4/8/2012. TOTAL DEPTH 2349' RKB 19' FOR TRUE 34. (MD-TVD 32').

FULL CREWS.

NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS: MAKING CONNECTIONS AND MUD PUMP POP OFF VALVE.

DIESEL USED 751 GALS.

Sundry Number: 28007 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Field: CHAPITA DEEP

Property: 064670

04-10-2012 **Reported By** KERRY SALES**DailyCosts: Drilling** \$117,146 **Completion** \$0 **Daily Total** \$117,146**Cum Costs: Drilling** \$289,077 **Completion** \$0 **Well Total** \$289,077**MD** 2,349 **TVD** 2,317 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0****Activity at Report Time: WORT**

Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	2349	2349	WIPER TRIP FROM 2050' TO 2349'. WASH LAST 60' TO BOTTOM.
06:30	08:30	2.0	2349	2349	RUN 2 POLY PLUS SWEEPS, CIR BOTTOMS UP AND SPOT 50 BBL DRILLING MUD ON BOTTOM.
08:30	12:30	4.0	2349	2349	TOH WIPER TRIP FROM 2349'. LAY DOWN BHA.
12:30	14:30	2.0	2349	2349	R/U TO RUN CASING.
14:30	19:30	5.0	2349	2349	RUN 56 JTS OF 9/5/8", K-55, 36#, STC SURFACE CASING. MD 2339.01', 19' RKB. FLOAT COLLAR AT 2297.22'. RUN 8 CENTRALIZERS FROM 2329' TO 2011' TWO FROM 352' TO 311'. PICK UP LANDING JOINT AND CIRCULATING SWEDGE. (MD, TVD IS 32' FOR THIS WELL.
19:30	21:00	1.5	2349	2349	CIRCULATE CASING 315 BBL'S. FULL RETURNS.
21:00	22:30	1.5	2349	2349	RUN 200' OF 1" TOP OUT PIPE.
22:30	00:30	2.0	2349	2349	RDMO. CLEAN MUD PITS AND PREPARE LOCATION FOR CWU 1429-15DX.
00:30	06:00	5.5	2349	2349	MIRU: HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3000 PSI. PUMPED 10 BBL OF FRESH WATER & 20 BBLs GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLs) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLs) OF PREMIUM CEMENT W/ 2% CACL2 MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18. WE DISPLACED CEMENT W/ 176 BBLs OF DRILL WATER. FCP 115 PSI, BUMPED PLUG W/1385 PSI @ 02:42 AM ON 04/10/2012. FLOAT HELD. FULL RETURNS DURING LEAD AND TAIL AND NO RETURNS UNTIL THE LAST 10 BBL'S OF DISPLACEMENT. WOC 1 HRS.

TOP JOB # 1: DOWN 200' OF 1" PIPE, MIXED & PUMPED 100 SX (20.4 BBLs) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. 1 BBL OF CEMENT TO SURFACE AND FELL BACK. WAIT ON CEMENT 3.5 HRS.

TOP JOB # 2: DOWN 200' OF 1" PIPE 50 SX (10.2 BBLs) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. CEMENT TO SURFACE 1 BBL BACK, OBSERVE WELL FOR 2 HRS WHILE RIGGING DOWN.

PREPARED THE LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

KERRY SALES NOTIFIED THE BLM VIA E-MAIL OF THE SURFACE CASING & CEMENT JOB ON 04/09/2012 @ 02:00 AM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 04/09/2012 AT 02:00 AM. STATE AND BLM NOTIFIED ON 04/07/2012 @ 04:20 PM.

FULL CREWS.

NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS: RUN CASING AND HALLIBURTON CEMENT LINES.

DIESEL USED 443 GAL.

RIG RELEASED AT 12:30 AM ON 4/10/2012.

Sundry Number: 28007 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Field: CHAPITA DEEP

Property: 064670

CASING TRANSFERED TO CWU 1429-15DX. 5 JT'S 37.01', 41.52', 41.33', 29.56', 28.79'. THREADS OFF TOTAL 178.21'. CONDITION A.

05–19–2012		Reported By		BILL SNAPP									
DailyCosts: Drilling		\$72,336		Completion		\$0		Daily Total		\$72,336			
Cum Costs: Drilling		\$361,413		Completion		\$0		Well Total		\$361,413			
MD	2,640	TVD	2,603	Progress	291	Days	1	MW	10.7	Visc	32.0		
Formation :				PBTD : 0.0				Perf :				PKR Depth : 0.0	
Activity at Report Time: DRILLING @ 2640'													

Start	End	Hrs	From	To	Activity Description
10:30	12:30	2.0	0	0	RIG DOWN AND SKID RIG 20’ TO CWU 1431–15D
12:30	13:30	1.0	0	0	RIG UP.
13:30	15:00	1.5	0	0	NIPPLE UP BOP, RIG ACCEPTED @ 13:30 HRS ON 5/18/2012.
15:00	18:30	3.5	0	0	TEST UPPER & LOWER KELLY VALVES, FLOOR VALVES, CHOKE VALVES, HCR, CHOKE MANIFOLD, CHECK VALVE, PIPE RAMS & BLIND RAMS TO 5000 PSI HIGH, 250 LOW, ANNULAR 2500 PSI HIGH, 250 LOW, CASING 1500 PSI. FUNCTION KOOMEY.
					KERY SALES NOTIFIED THE BLM AND UDOGM BY E–MAIL FOR BOP TEST ON 05/17/2012 AT 3:00 PM.NOTIFICATIONS SENT ON 05/16/2012 AT 3:42 AM. NO REPRESENTATIVE PRESENT.
18:30	19:00	0.5	0	0	SET WEAR BUSHING.
19:00	22:00	3.0	0	0	P/U BHA AND ORIENT TOOL FACE. AND PU DP, TAG @ 2290’.
22:00	23:00	1.0	0	0	SLIP & CUT DRILL LINE.
23:00	23:30	0.5	0	0	INSTALL ROTATING RUBBER AND CORROSION RING.
23:30	01:00	1.5	2349	2359	DRILL CEMENT/FLOAT EQUIP. AND 10’ OF NEW HOLE TO 2359’.
01:00	01:30	0.5	2359	2359	FIT TO 12.2 PPG EMW.
01:30	06:00	4.5	2359	2640	ROTATE AND SLIDE DRILL FROM 2359’ TO 2640’. 281’. ROP 62.4’. WOB 20. ROTARY 62, MOTOR 74, GPM 454. 36% SLIDE AND 64% ROT, 11’ LEFT AND 15’ BELOW THE LINE.
06:00			0	0	SPUD 7–7/8" HOLE @ 1:30 AM, 5/19/12

05-20-2012		Reported By		BILL SNAPP							
DailyCosts: Drilling		\$44,436		Completion		\$0		Daily Total		\$44,436	
Cum Costs: Drilling		\$405,849		Completion		\$0		Well Total		\$405,849	
MD	3,940	TVD	3,876	Progress	1,300	Days	2	MW	10.2	Visc	32.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: DRILLING @ 3940'											

Start	End	Hrs	From	To	Activity Description						
06:00	16:00	10.0	2640	3172	ROTATE AND SLIDE DRILL FROM 2640' TO 3172'. 532'. ROP 53'. WOB 20. ROTARY 62, MOTOR 74, GPM 454. 27% SLIDE AND 73% ROT, 20' LEFT AND 19' BELOW THE LINE.						
16:00	16:30	0.5	3172	3172	SERVICE RIG.						
16:30	06:00	13.5	3172	3940	ROTATE AND SLIDE DRILL FROM 3172' TO 3940'. 768'. ROP 57'. WOB 20. ROTARY 56, MOTOR 74, GPM 454. 27% SLIDE AND 73% ROT, 11' LEFT AND 19' BELOW THE LINE.						

05-21-2012		Reported By		BILL SNAPP							
DailyCosts: Drilling		\$37,685		Completion		\$0		Daily Total		\$37,685	

Sundry Number: 28007 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Field: CHAPITA DEEP

Property: 064670

Cum Costs: Drilling	\$443,535	Completion	\$0	Well Total	\$443,535						
MD	4,910	TVD	4,840	Progress	970	Days	3	MW	10.3	Visc	34.0
Formation :	PBTD : 0.0			Perf :	PKR Depth : 0.0						

Activity at Report Time: DRILLING @ 4,910'

Start	End	Hrs	From	To	Activity Description
06:00	17:30	11.5	3940	4481	ROTATE AND SLIDE DRILL FROM 3940' TO 4481'. 541'. ROP 47 FPH. WOB 20. ROTARY 55, MOTOR 67, GPM 418. 12% SLIDE AND 88% ROT, 4' WEST AND 2' NORTH OF CENTER .
17:30	18:00	0.5	4481	4481	SERVICE RIG.
18:00	06:00	12.0	4481	4910	ROTATE AND SLIDE DRILL FROM 4481' TO 4910'. 429'. ROP 35.75' FPH. WOB 20/24. ROTARY 56, MOTOR 74, GPM 454. 9% SLIDE AND 91% ROT.

05-22-2012 **Reported By** BILL SNAPP

DailyCosts: Drilling	\$38,648	Completion	\$0	Daily Total	\$38,648						
Cum Costs: Drilling	\$482,184	Completion	\$0	Well Total	\$482,184						
MD	5,870	TVD	5,800	Progress	960	Days	4	MW	10.4	Visc	35.0
Formation :	PBTD : 0.0			Perf :	PKR Depth : 0.0						

Activity at Report Time: DRILLING @ 5870'

Start	End	Hrs	From	To	Activity Description
06:00	17:00	11.0	4910	5327	ROTATE AND SLIDE DRILL FROM 4910' TO 5327'. 417'. ROP 38' FPH. WOB 20/24. ROTARY 56, SPP 2350 PSI, MOTOR 74, GPM 454. 1% SLIDE AND 99% ROT. WASATCH @ 4795'.
17:00	17:30	0.5	5327	5327	SERVICE RIG.
17:30	06:00	12.5	5327	5870	ROTATE AND SLIDE DRILL FROM 5327' TO 5870'. 543'. ROP 43.5' FPH. WOB 15/24. ROTARY 56, SPP 2320 PSI, MOTOR 74, GPM 454. 0% SLIDE AND 100% ROT. CHAPITA WELLS @ 5398'.

05-23-2012 **Reported By** BILL SNAPP

DailyCosts: Drilling	\$54,872	Completion	\$0	Daily Total	\$54,872						
Cum Costs: Drilling	\$537,056	Completion	\$0	Well Total	\$537,056						
MD	6,791	TVD	6,721	Progress	921	Days	5	MW	10.5	Visc	35.0
Formation :	PBTD : 0.0			Perf :	PKR Depth : 0.0						

Activity at Report Time: DRILLING @ 6791'

Start	End	Hrs	From	To	Activity Description
06:00	16:30	10.5	5870	6295	ROTATE AND SLIDE DRILL FROM 5870' TO 6295'. 425'. ROP 40.4' FPH. WOB 15/24. ROTARY 56, SPP 2000/2320 PSI, DIFF 150/300, MOTOR 74, GPM 454. 4% SLIDE AND 96% ROT. BUCK CANYON @ 6083'.
16:30	17:00	0.5	6295	6295	SERVICE RIG.
17:00	06:00	13.0	6295	6791	ROTATE AND SLIDE DRILL FROM 6295' TO 6791'. 496'. ROP 38' FPH. WOB 15/24. ROTARY 50/60, SPP 2000/2320 PSI, DIFF 150/350, MOTOR 74, GPM 454.
2% SLIDE AND 98% ROT.					
NORTH HORN @ 6719'					

05-24-2012 **Reported By** BILL SNAPP

DailyCosts: Drilling	\$58,350	Completion	\$6,763	Daily Total	\$65,113
Cum Costs: Drilling	\$595,407	Completion	\$6,763	Well Total	\$602,170

Sundry Number: 28007 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Field: CHAPITA DEEP

Property: 064670

MD	7,500	TVD	7,430	Progress	709	Days	6	MW	10.9	Visc	37.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: DRILLING @ 7500'

Start	End	Hrs	From	To	Activity Description
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06:00	17:30	11.5	6791	7136	ROTATE AND SLIDE DRILL FROM 6791' TO 7136'. 345'. ROP 30' FPH. WOB 15/24. ROTARY 50/60, SPP 2000/2320 PSI, DIFF 150/350, MOTOR 74, GPM 454. 2% SLIDE AND 98% ROT.
17:30	18:00	0.5	7136	7136	SERVICE RIG.
18:00	06:00	12.0	7136	7500	ROTATE AND SLIDE DRILL FROM 7136' TO 7500'. 364'. ROP 30' FPH. WOB 15/24. ROTARY 50/60, SPP 2000/2350 PSI, DIFF 100/300, MOTOR 70, GPM 435. 10% SLIDE AND 90% ROT.

PRICE RIVER @ 7283'.

LOST 30 BBL MUD @ 7355' AND 70 BBL @ 7463'.

05-25-2012 **Reported By** BILL SNAPP

DailyCosts: Drilling	\$43,844	Completion	\$0	Daily Total	\$43,844
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Cum Costs: Drilling	\$639,251	Completion	\$6,763	Well Total	\$646,015
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MD	8,120	TVD	8,050	Progress	620	Days	7	MW	11.2	Visc	38.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: DRILLING @ 8120'

Start	End	Hrs	From	To	Activity Description
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06:00	11:30	5.5	7500	7607	ROTATE AND SLIDE DRILL FROM 7500' TO 7607'. 107'. ROP 19.5' FPH. WOB 15/25. ROTARY 50/60, SPP 2200/2580 PSI, DIFF 100/270, MOTOR 67, GPM 435. 2% SLIDE AND 98% ROT. TIGHT HOLE ON CONNECTION @ 7511'. RAISING MW TO 11.2 PPG.
11:30	12:00	0.5	7607	7607	SERVICE RIG.
12:00	06:00	18.0	7607	8120	ROTATE AND SLIDE DRILL FROM 7607' TO 8120'. 513'. ROP 28.5' FPH. WOB 15/25. ROTARY 50/65, SPP 2350/2650 PSI, DIFF 100/300, MOTOR 67, GPM 419.

1% SLIDE AND 99% ROT.

05-26-2012 **Reported By** BILL SNAPP

DailyCosts: Drilling	\$44,884	Completion	\$0	Daily Total	\$44,884
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Cum Costs: Drilling	\$684,136	Completion	\$6,763	Well Total	\$690,899
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MD	8,925	TVD	8,855	Progress	805	Days	8	MW	11.6	Visc	37.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: DRILLING @ 8925'

Start	End	Hrs	From	To	Activity Description
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06:00	15:30	9.5	8120	8485	ROTATE AND SLIDE DRILL FROM 8120' TO 8485'. 365'. ROP 38.4' FPH. WOB 15/25. ROTARY 50/55, SPP 2350/2650 PSI, DIFF 100/300, MOTOR 64, GPM 401. 0% SLIDE AND 100% ROT.
					PRICE RIVER MIDDLE @ 8132'.
					LOST 50 BBL MUD @ 8370'.
15:30	16:00	0.5	8485	8485	SERVICE RIG.

Sundry Number: 28007 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Field: CHAPITA DEEP

Property: 064670

16:00 06:00 14.0 8485 8925 ROTATE AND SLIDE DRILL FROM 8485' TO 8925'. 440'. ROP 31.4' FPH. WOB 15/25. ROTARY 50/65, SPP 2350/2650 PSI, DIFF 100/300, MOTOR 67, GPM 401. 0% SLIDE AND 100% ROT. PUT RETURNS THROUGH GAS BUSTER @ 8517', 10' TO 12' FLARE ON CONN. GAS @ 8547' FOR 15 MIN. W/11.4 PPG MUD WT THEN DYING OUT. RAISE MUD WT TO 11.6 PPG. INTERMITTENT 2' TO 4' FLARE LASTING 5 MIN ON CONNECTIONS W/11.6 PPG MUD WT.
LOWER PRICE RIVER @ 8919'

05-27-2012 **Reported By** BILL SNAPP

DailyCosts: Drilling	\$45,079	Completion	\$0	Daily Total	\$45,079
Cum Costs: Drilling	\$729,215	Completion	\$6,763	Well Total	\$735,978

MD	9,620	TVD	9,550	Progress	695	Days	9	MW	12.0	Visc	38.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: DRILLING @ 9620'

Start	End	Hrs	From	To	Activity Description
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06:00	16:00	10.0	8925	9296	ROTATE AND SLIDE DRILL FROM 8925' TO 9296'. 371'. ROP 37' FPH. WOB 15/25. ROTARY 50/65, SPP 2350/2650 PSI, DIFF 100/300, MOTOR 64, GPM 401. 0% SLIDE AND 100% ROT, NO FLARE. MUD WT 11.9 PPG. LOST 65 BBLs @ 9280'
16:00	16:30	0.5	9296	9296	SERVICE RIG.
16:30	06:00	13.5	9296	9620	ROTATE AND SLIDE DRILL FROM 9296' TO 9620'. 324'. ROP 24 FPH. WOB 15/26. ROTARY 50/65, SPP 2350/2650 PSI, DIFF 100/275, MOTOR 67, GPM 419. 0% SLIDE AND 100% ROT. SEGO @ 9514' LOST 60 BBL MUD @ 9475'. NO FLARE. MUD WT 12 PPG.

05-28-2012 **Reported By** BILL SNAPP

DailyCosts: Drilling	\$58,258	Completion	\$0	Daily Total	\$58,258
Cum Costs: Drilling	\$787,474	Completion	\$6,763	Well Total	\$794,237

MD	9,716	TVD	9,645	Progress	96	Days	10	MW	12.2	Visc	38.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: LD DP

Start	End	Hrs	From	To	Activity Description
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06:00	07:30	1.5	9620	9655	ROTATE AND SLIDE DRILL FROM 9620' TO 9655'. 35'. ROP 23 FPH. WOB 15/26. ROTARY 50/65, SPP 2350/2650 PSI, DIFF 100/255, MOTOR 67, GPM 419. 100% ROT. NO FLARE. MUD WT. 12 PPG.
07:30	08:00	0.5	9655	9655	CHECK FLOW, PUMP SLUG.
08:00	14:00	6.0	9655	9655	TRIP OUT TO LD DIRECTIONAL TOOLS AND PU BITSUB & BIT, PULLING @ 40/42 FT/MIN. USING PIPE SPINNERS. WORK AND WIPE TIGHT SPOTS @ 5750' AND 5500'.
14:00	15:00	1.0	9655	9655	LD DIRECTIONAL BHA & PU BITSUB AND BIT#4.
15:00	15:30	0.5	9655	9655	SERVICE RIG.
15:30	20:30	5.0	9655	9655	TIH WITH BIT AND BITSUB W/ FLOAT AND BAFFLE. WIPE TIGHT SPOT @ 4435', W&R SPOT @ 4593', WIPE THROUGH SPOT GONE. TIH WITH NO FURTHER PROBLEMS. W/R FROM 9600' TO 9655', WHILE PICKING UP SINGLE TO REPLACE DIR. TOOLS. 20' FLARE WITH BOTTOMS UP, LASTING 10 MIN. THEN TAPERING TO INTERMITTENT 5' TO 10'.

Sundry Number: 28007 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Field: CHAPITA DEEP

Property: 064670

20:30	21:30	1.0	9655	9655	W/R FROM 9600' TO 9655', WHILE PICKING UP SINGLE TO REPLACE DIR. TOOLS. 20' FLARE WITH BOTTOMS UP, LASTING 10 MIN. THEN TAPERING TO INTERMITTENT 5' TO 10' LASTING '0 MIN. WITH 12 PPG MUD WT. SLOWLY RAISING WUD WT. TO 12.2 PPG.
21:30	01:30	4.0	9655	9716	DRILL FROM 9655' TO 9716'. 61'. ROP 15.25 FPH. WOB 15/20. ROTARY 68/70, SPP 2050 PSI, GPM 419. NO FLARE. MUD WT. 12.2 PPG. REACHED TD @ 01:30, 5/28/2012.
01:30	03:00	1.5	9716	9716	CIRCULATE 1 1/2 BOTTOMS UP. NO FLARE, LOST 40 BBL MUD PUMPING 401 GPM, SLOWED PUMP TO 279 GPM, MUD VOLUME HOLDING.
03:00	03:30	0.5	9716	9716	CHECK FLOW, DROP SURVEY AND PUMP 60 BBL 14.2 PPG SLUG.
03:30	04:00	0.5	9716	9716	LAY DOWN DRILL PIPE, PULLING @ 38 TO 40 FT/MIN. USING PIPE SPINNERS.
04:00	05:00	1.0	9716	9716	HOLE NOT FILLING FROM TRIP TANK. PU KELLY BREAK CIRC, AND SPOT LCM. FORMATION HOLDING @ 175 GPM., REPUMP 40 BBL 13.2 PPG SLUG.
05:00	06:00	1.0	9716	9716	LAY DOWN DRILL PIPE, PULLING @ 38 TO 40 FT/MIN. USING PIPE SPINNERS. HOLE CIRCULATING ON BACKSIDE.

05-29-2012 **Reported By** BILL SNAPP**DailyCosts: Drilling** \$27,598 **Completion** \$169,462 **Daily Total** \$197,061**Cum Costs: Drilling** \$815,073 **Completion** \$176,225 **Well Total** \$991,298**MD** 9,716 **TVD** 9,645 **Progress** 0 **Days** 11 **MW** 12.2 **Visc** 38.0**Formation :** **PBTD : 0.0** **Perf :** **PKR Depth : 0.0****Activity at Report Time:** RDRT/ WO COMPLETION

Start	End	Hrs	From	To	Activity Description
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06:00	14:30	8.5	9716	9716	LAY DOWN DRILL PIPE AND BHA. RIG SURVEY= 1.5 @ 9685'.
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14:30	15:00	0.5	9716	9716	PULL WEAR BUSHING.
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15:00	16:00	1.0	9716	9716	PJSM/RIG UP WEATHERFORD CASING CREW.
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16:00	22:30	6.5	9716	9716	RUN TOTAL OF 231 JTS OF CASING (229 FULL JTS OF 4.5", 11.6#, N-80, LT&C + 2 MARKER JOINTS 11.6#, P-110, LTC) AS FOLLOWS: FLOAT SHOE, 1 JT CASING, FLOAT COLLAR, 56 JTS OF CASING, MARKER JOINT @ TOP OF PRICE RIVER, 68 JTS CASING, MARKER JOINT @ 400' ABOVE WASATCH, 104 JTS CASING. RAN 3 TURBILIZERS (5' ABOVE SHOE AND MIDDLE OF JTS #2 & #3) + 1 BOW CENTRALIZER ON 4TH JOINT THEN EVERY 3RD JOINT THEREAFTER TO 400' ABOVE WASATCH (TOTAL OF 42). TAG BOTTOM, LAY DOWN TAG JOINT. PICK UP MANDREL & LAND CASING W/85K STRING WEIGHT @ 9702.08'. CASING WENT TO BOTTOM W/NO HOLE PROBLEMS.
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CASING LANDED @ 22:30 AS FOLLOWS (DEPTHS SHOWN ARE TOPS OF COMPONENTS UNLESS OTHERWISE STATED):

FLOAT SHOE (BOTTOM): 9702'

FLOAT COLLAR: 9654'

MARKER JOINT: 7281'

MARKER JOINT: 4404'

22:30	23:30	1.0	9716	9716	CIRCULATE CASING, LAST 200 BBL MUD CONTAINING .5 GPT GA 25. NO FLARE.
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23:30	02:00	2.5	9716	9716	PJSM, TEST LINE TO 5000 PSI. PUMP 20 BBLS OF CHEMICAL FLUSH W/0.5 GPT XCIDE, 10 FRESH WATER W 0.5 GPT XCIDE. PUMP 515 SKS (147 BBLS) OF 12.5#, 1.61 YIELD W/6% BENTONITE, 0.3% VERSASET, 0.5% HR-5 OF LEAD CEMENT. 1400 SKS (366 BBLS) OF 13.5#, 1.47 YIELD W/0.125 LBM POLY-E-FLAKE OF TAIL CEMENT. DISPLACED W/150 BBLS OF FRESH WATER W/.5 GPT MYACIDE. DISPLACED @ 8 BBLS MIN. SLOWED TO 2 BBLS MIN W/140 BBLS GONE. FCP 2550 PSI. BUMPED PLUG & PRESSURED UP TO 3510#, BLEED OFF & CHECK FLOAT, FLOATS HELD, 2 BBLS BACK. FULL RETURNS THROUGHOUT JOB. NO CEMENT TO SURFACE.
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Sundry Number: 28007 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Field: CHAPITA DEEP

Property: 064670

02:00	03:00	1.0	9716	9716	PRESSURE BACK TO 1000 PSI AND HOLD 1 HR.
03:00	04:00	1.0	9716	9716	SET PACK OFF & TEST TO 5000# FOR 15 MIN.
04:00	05:00	1.0	9716	9716	NIPPLE DOWN BOP.
05:00	06:00	1.0	9716	9716	CLEAN MUD TANKS. RDRT.

DIESEL TRANSFERRED TO CWU 1426-15D 4928 GALS @ 3.7959 PER GALLON. TOTAL \$18,524.35.

06:00		0	0	RELEASE RIG ON 5/29/2012 AT 6:00 AM.
				CASING POINT COST \$815,073

06-27-2012		Reported By		SEARLE							
DailyCosts: Drilling		\$0		Completion		\$15,000		Daily Total		\$15,000	
Cum Costs: Drilling		\$815,073		Completion		\$191,225		Well Total		\$1,006,298	
MD	9,716	TVD	9,645	Progress	0	Days	12	MW	0.0	Visc	0.0
Formation :			PBTD : 9638.0				Perf :		PKR Depth : 0.0		
Activity at Report Time:											
Start	End	Hrs	From	To	Activity Description						
06:00			0	0	MIRU CUTTERS WIRELINE. LOG WITH CBL/CCL/VDL/GR FROM 9637' TO 50'. EST CEMENT TOP @ 2340'. RDWL.						

07-11-2012		Reported By		MCCURDY							
DailyCosts: Drilling		\$0		Completion		\$420		Daily Total		\$420	
Cum Costs: Drilling		\$815,073		Completion		\$191,645		Well Total		\$1,006,718	
MD	9,716	TVD	9,645	Progress	0	Days	13	MW	0.0	Visc	0.0
Formation : MESAVERDE			PBTD : 9638.0			Perf : 9062'-9338'			PKR Depth : 0.0		
Activity at Report Time: FRAC											
Start	End	Hrs	From	To	Activity Description						
06:00	06:00	24.0	0	0	FRAC TANKS PRE MIXED W/ BIOCID (BE 6) @ 3# PER TANK. STAGE 1. MIRU CUTTERS WIRELINE & MIRU HALLIBURTON. PERFORATED LPR FROM 9337'-38', 9327'-28', 9320'-21', 9286'-87', 9274'-75', 9165'-66', 9148'-49', 9116'-17', 9103'-04', 9096'-97', 9075'-76', 9062'-63' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLs FRESH WATER . PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLs FRESH WATER. SDFN.						

07-12-2012		Reported By		MCCURDY							
DailyCosts: Drilling		\$0		Completion		\$845		Daily Total		\$845	
Cum Costs: Drilling		\$815,073		Completion		\$192,490		Well Total		\$1,007,563	
MD	9,716	TVD	9,645	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation : MESAVERDE			PBTD : 9638.0			Perf : 8433’-9338’			PKR Depth : 0.0		
Activity at Report Time: PERF & FRAC STAGE #4											
Start	End	Hrs	From	To	Activity Description						
06:00	06:00	24.0	0	0	STAGE #1. FRAC LPR DOWN CASING W/15 GAL BIOCID (BACKTRON KW31 @ 2GPT), 551 GAL 16# LINEAR PAD, 3235 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 35260 GAL 16# DELTA 200 W/120400# 20/40 SAND @ 2-5 PPG. MTP 5961 PSIG. MTR 50.3 BPM. ATP 4859 PSIG. ATR 47.2 BPM. ISIP 2820 PSIG. RD HALLIBURTON. STAGE #2.						

Sundry Number: 28007 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Field: CHAPITA DEEP

Property: 064670

RUWL. SET 10K CFP AT 9039'. PERFORATE LPR FROM 9012'-13', 9000'-01', 8988'-89', 8979'-80', 8948'-49', 8934'-35', 8907'-08', 8883'-84', 8874'-75', 8856'-57', 8772'-73', 8744'-45' @ 3 SPF & 120 DEGREE PHASING. RDWL. . RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCID (BACKTRON KW31 @ 2GPT). 1587 GAL 16# LINEAR PAD, 6649 GAL 16# LINEAR W/8800# 20/40 SAND @ 1-1.5 PPG, 52764 GAL 16# DELTA 200 W/179300# 20/40 SAND @ 2-5 PPG. MTP 6255 PSIG. MTR 50.1 BPM. ATP 5280 PSIG. ATR 49 BPM. ISIP 3446 PSIG. RD HALLIBURTON.

STAGE #3.

RUWL. SET 10K CFP AT 8718'. PERFORATE MPR FROM 8685'-86', 8651'-52', 8638'-39', 8588'-89', 8568'-69', 8550'-51', 8509'-10', 8486'-87', 8474'-75', 8460'-61', 8444'-45', 8433'-34' @ 3 SPF & 120 DEGREE PHASING. RDWL. . RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCID (BACKTRON KW31 @ 2GPT), 1717 GAL 16# LINEAR PAD, 7397 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 51074 GAL 16# DELTA 200 W/182200# 20/40 SAND @ 2-5 PPG. MTP 6326 PSIG. MTR 50.3 BPM. ATP 5447 PSIG. ATR 37.4 BPM. ISIP 3362 PSIG. RD HALLIBURTON. SDFN.

07-13-2012		Reported By		MCCURDY							
DailyCosts: Drilling		\$0		Completion		\$845		Daily Total		\$845	
Cum Costs: Drilling		\$815,073		Completion		\$193,335		Well Total		\$1,008,408	
MD	9,716	TVD	9,645	Progress	0	Days	15	MW	0.0	Visc	0.0
Formation : MESAVERDE			PBTD : 9638.0			Perf : 7578'-9338'			PKR Depth : 0.0		
Activity at Report Time: FRAC STAGE #7											

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	STAGE #4. RUWL. SET 10K CFP AT 8412'. PERFORATE MPR FROM 8383'-84', 8374'-75', 8356'-57', 8340'-41', 8334'-35', 8326'-27', 8304'-05', 8272'-73', 8260'-61', 8203'-04', 8190'-91', 8166'-67' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCID (BACKTRON KW31 @ 2GPT), 314 GAL 16# LINEAR PAD, 7650 GAL 16# LINEAR W/9800# 20/40 SAND @ 1-1.5 PPG, 49759 GAL 16# DELTA 200 W/172100# 20/40 SAND @ 2-5 PPG. MTP 5576 PSIG. MTR 50.2 BPM. ATP 3804 PSIG. ATR 45.5 BPM. ISIP 2680 PSIG. RD HALLIBURTON.

STAGE #5. RUWL. SET 10K CFP AT 8122'. PERFORATE MPR FROM 8078'-79', 8055'-56', 8044'-45', 7978'-79', 7967'-68', 7930'-31', 7922'-23', 7911'-12', 7856'-57', 7839'-40', 7832'-33', 7800'-01' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCID (BACKTRON KW31 @ 2GPT), 1700 GAL 16# LINEAR PAD, 48715 GAL 16# DELTA 200 W/144600# 20/40 SAND @ 1-5 PPG. MTP 6405 PSIG. MTR 48.7 BPM. ATP 5022 PSIG. ATR 33.4 BPM. ISIP 2670 PSIG. RD HALLIBURTON.

STAGE #6. RUWL. SET 10K CFP AT 7750'. PERFORATE UPR FROM 7717'-18', 7708'-09', 7689'-90', 7680'-81', 7665'-66', 7660'-61', 7653'-54', 7647'-48', 7623'-24', 7609'-10', 7588'-89', 7578'-79' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE PUMP 110 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCID (BACKTRON KW31 @ 2GPT), 1841 GAL 16# LINEAR PAD, 7568 GAL 16# LINEAR W/9700# 20/40 SAND @ 1-1.5 PPG, 23233 GAL 16# DELTA 200 W/67700# 20/40 SAND @ 2-5 PPG. MTP 6511 PSIG. MTR 50.1 BPM. ATP 4677 PSIG. ATR 40 BPM. ISIP 2662 PSIG. RD HALLIBURTON. SDFN.

07-14-2012		Reported By		MCCURDY							
DailyCosts: Drilling		\$0		Completion		\$31,147		Daily Total		\$31,147	
Cum Costs: Drilling		\$815,073		Completion		\$224,483		Well Total		\$1,039,556	
MD	9,716	TVD	9,645	Progress	0	Days	16	MW	0.0	Visc	0.0

Sundry Number: 28007 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Field: CHAPITA DEEP

Property: 064670

Formation : MESAVERDE **PBTD :** 9638.0 **Perf :** 7359'-9338' **PKR Depth :** 0.0**Activity at Report Time:** PREP FOR POST FRAC CLEAN OUT

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	STAGE #7. SICP 1940 PSIG. RUWL. SET 10K CFP AT 7544'. PERFORATE UPR FROM 7515'-16', 7494'-95', 7485'-86', 7473'-74', 7466'-67', 7453'-54', 7440'-41', 7428'-29', 7414'-15', 7405'-06', 7368'-67', 7359'-60' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 55 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCID (BACKTRON KW31 @ 2GPT), 275 GAL 16# LINEAR PAD, 7397 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 40595 GAL 16# DELTA 200 W/138900# 20/40 SAND @ 2-5 PPG. MTP 5060 PSIG. MTR 50.4 BPM. ATP 3489 PSIG. ATR 50.0 BPM. ISIP 1880 PSIG. RD HALLIBURTON.

RUWL. SET 10K CBP AT 7316'. BLED WELL TO 0 PSIG. RDMO CUTTERS WIRELINE & HALLIBURTON SERVICES. SDFN.

07-20-2012 Reported By BASTIAN / HOOLEY

DailyCosts: Drilling	\$0	Completion	\$36,125	Daily Total	\$36,125
Cum Costs: Drilling	\$815,073	Completion	\$260,608	Well Total	\$1,075,681

MD	9,716	TVD	9,645	Progress	0	Days	17	MW	0.0	Visc	0.0
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Formation : MESAVERDE **PBTD :** 9638.0 **Perf :** 7359'-9338' **PKR Depth :** 0.0**Activity at Report Time:** POST FRAC CLEAN OUT. PREP TO LAND TBG.

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	CONT 24 HR OPS. MIRU POWELL RIG 1. ND FRAC VALVE. NU BOP. RIH W/PUMP OFF SUB & 3-7/8" HURRICANE BIT TO CBP. PRESSURE TESTED FLOW LINES & PIPE RAMS TO 2500 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 7316', 7544', 7750', 8122', 8412', 8718' AND 9039'.

07-21-2012 Reported By BASTIAN / HOOLEY

DailyCosts: Drilling	\$0	Completion	\$7,359	Daily Total	\$7,359
Cum Costs: Drilling	\$815,073	Completion	\$267,967	Well Total	\$1,083,040

MD	9,716	TVD	9,645	Progress	0	Days	18	MW	0.0	Visc	0.0
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Formation : MESAVERDE **PBTD :** 9638.0 **Perf :** 7359'-9338' **PKR Depth :** 0.0**Activity at Report Time:** FINISH DRILLING PLUGS, CLEAN OUT TO PBTD, LAND TBG, RDSU

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	CONTINUED 24 HR OPERATIONS. DRILLED OUT FINAL PLUG @ 9039'. CLEANED OUT TO PBTD @ 9405'. CIRCULATED CLEAN. LANDED TBG @ 8005' KB. ND BOP. NU TREE. PUMPED OFF BIT. RD POWELL RIG 1. SI WELL.

TGB DETAIL LENGTHS

POBS 1.00
1 JT 2-3/8" 4.7# L-80 33.04
X N NIPPLE 1.30
141 JTS 2-3/8" 4.7# L-80 7950.19
BELOW KB 19.00
LANDED @ 8004.53' KB**07-24-2012 Reported By SEARLE**

DailyCosts: Drilling	\$0	Completion	\$1,609	Daily Total	\$1,609
Cum Costs: Drilling	\$815,073	Completion	\$269,576	Well Total	\$1,084,649

Sundry Number: 28007 API Well Number: 43047503110000

Well Name: CWU 1431-15D

Field: CHAPITA DEEP

Property: 064670

MD	9,716	TVD	9,645	Progress	0	Days	19	MW	0.0	Visc	0.0
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Formation : MESAVERDE**PBTD :** 9638.0**Perf :** 7359'-9338'**PKR Depth :** 0.0**Activity at Report Time:** FLOW TEST

Start	End	Hrs	From	To	Activity Description
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06:00	06:00	24.0	0	0	RU TEST UNIT. FLOWED THROUGH TEST UNIT TO SALES 19 HRS. 24/64" CHOKE. FTP 1700 PSIG, CP 2650 PSIG. 48 BFPH. RECOVERED 912 BLW, 1315 MCFD RATE. 8528 BLWTR.
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06:00			0	0	INITIAL PRODUCTION: TURNED WELL TO QUESTAR SALES AT 08:10 AM, 7/23/12. FLOWING 1134 MCFD ON 24/64" CK. FTP 1800 PSIG, FCP 3115 PSIG. STATIC 217. QUESTAR METER #8857, EOG METER #75.
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 30 2012

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DIV. OF OIL, GAS & MINING

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. UTU0283A		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator EOG RESOURCES, INC.			8. Lease Name and Well No. CWU 1431-15D		
Contact: MICHELLE ROBLES E-Mail: MICHELLE_ROBLES@EOGRESOURCES.COM			7. Unit or CA Agreement Name and No.		
3. Address 600 17TH STREET, SUITE 1000N DENVER, CO 80202			9. API Well No. 43-047-50311		
3a. Phone No. (include area code) Ph: 307-276-4842			10. Field and Pool, or Exploratory NATURAL BUTTES		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSE 661FSL 1836FEL 40.030530 N Lat, 109.423190 W Lon At top prod interval reported below NWSE 1368FSL 2018FEL 40.032476 N Lat, 109.423843 W Lon At total depth NWSE 1368FSL 2018FEL 40.032476 N Lat, 109.423843 W Lon BHL by HSM			11. Sec., T., R., M., or Block and Survey or Area Sec 15 T9S R22E Mer SLB		
14. Date Spudded 03/11/2012			12. County or Parish UINTAH		
15. Date T.D. Reached 05/28/2012			13. State UT		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/23/2012			17. Elevations (DF, KB, RT, GL)* 4840 GL		
18. Total Depth: MD 9716 TVD 9645			20. Depth Bridge Plug Set: MD TVD		
19. Plug Back T.D.: MD 9638 TVD 9267					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL/CCL/VDL/GR			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)		

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 K-55	36.0	0	2339		700		0	
7.875	4.500 N-80	11.6	0	9702		1915		2340	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	8005							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	7359	9338	9062 TO 9338		36	OPEN
B)			8744 TO 9013		36	OPEN
C)			8433 TO 8686		36	OPEN
D)			8166 TO 8384		36	OPEN

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9062 TO 9338	934 BBLS GELLED WATER & 130,000# 20/40 SAND
8744 TO 9013	1,457 BBLS GELLED WATER & 188,100# 20/40 SAND
8433 TO 8686	1,437 BBLS GELLED WATER & 191,700# 20/40 SAND
8166 TO 8384	1,379 BBLS GELLED WATER & 181,900# 20/40 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/23/2012	08/01/2012	24	→	24.0	1192.0	536.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	650	1000.0	→	24	1192	536		PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #161258 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
MESAVERDE	7359	9338		GREEN RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER	1435 1806 2411 4742 4871 5475 6162 7357

32. Additional remarks (include plugging procedure):
Please see the attached Additional Remarks page.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

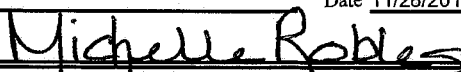
Electronic Submission #161258 Verified by the BLM Well Information System.
For EOG RESOURCES, INC., sent to the Vernal

Name (please print) MICHELLE ROBLES

Title LEAD REGULATORY ASSISTANT

Signature (Electronic Submission)

Date 11/28/2012



Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

CHAPITA WELLS UNIT 1431-15D- ADDITIONAL REMARKS :

26. PERFORATION RECORD

7800-8079	36	OPEN
7578-7718	36	OPEN
7359-7516	36	OPEN

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

7800-8079	1,205 BBLS GELLED WATER & 144,600# 20/40 SAND
7578-7718	782 BBLS GELLED WATER & 77,400# 20/40 SAND
7359-7516	1,154 BBLS GELLED WATER & 148,400# 20/40 SAND

32. FORMATION (LOG) MARKERS

Middle Price River	8199
Lower Price River	9010
Sego	9540



Survey Certification Sheet

Company: EOG Resources
API # 43-047-50311
Well Name: Chapita Well Unit #1431-15D
SURFACE LOCATION
Uintah County, Utah
Sec. 15-T9S-R22E
661' From South Line, 1836' From East Line
BOTTOM HOLE LOCATION @
9716' Measured Depth
9645.5' True Vertical Depth
707.5' North, -181.6' West from Surface Location
Crescent Job Number: CA 12203 and CA-12304

Surveyed from a depth of 0.0' - 9716' MD
Type of survey: Crescent MWD (Measurement While Drilling)
Last Survey Date: 5/27/12
Directional Supervisor: John Stringfellow

To whom it may concern,
I attached End of Well surveys in pdf format of the Chapita Well Unit 1431-15D well.

The data and calculations for this survey have been checked by me and conform to the standards and procedures set forth by Crescent Directional Drilling.
This report represents a true and correct Directional Survey of this well based on the original data obtained at the well site. Wellbore Coordinates are calculated using minimum curvature.

A handwritten signature in black ink, appearing to read "John Stringfellow", is written in a cursive style.

John Stringfellow
Directional Coordinator
Rocky Mtn. Region
Crescent Directional Drilling
Off. (307)266-6500
Cell. (307)259-7827

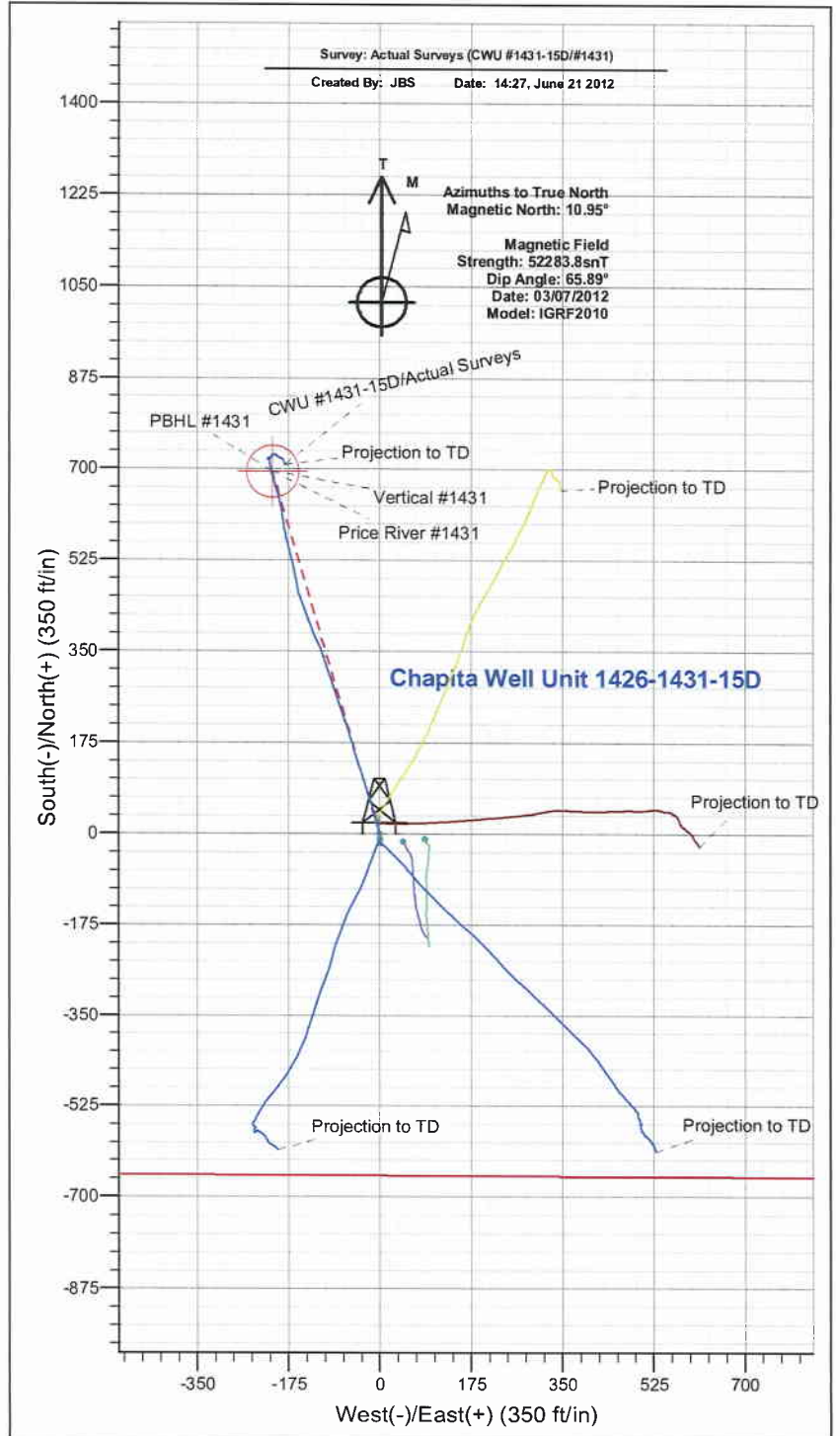
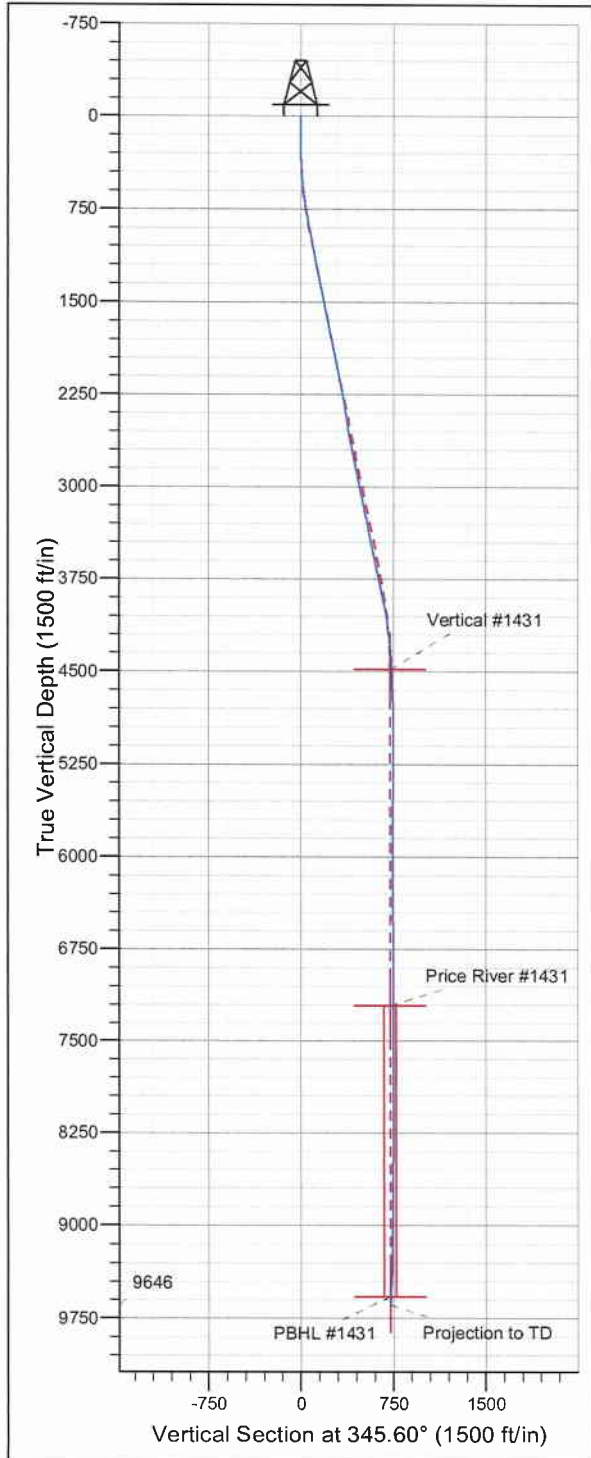


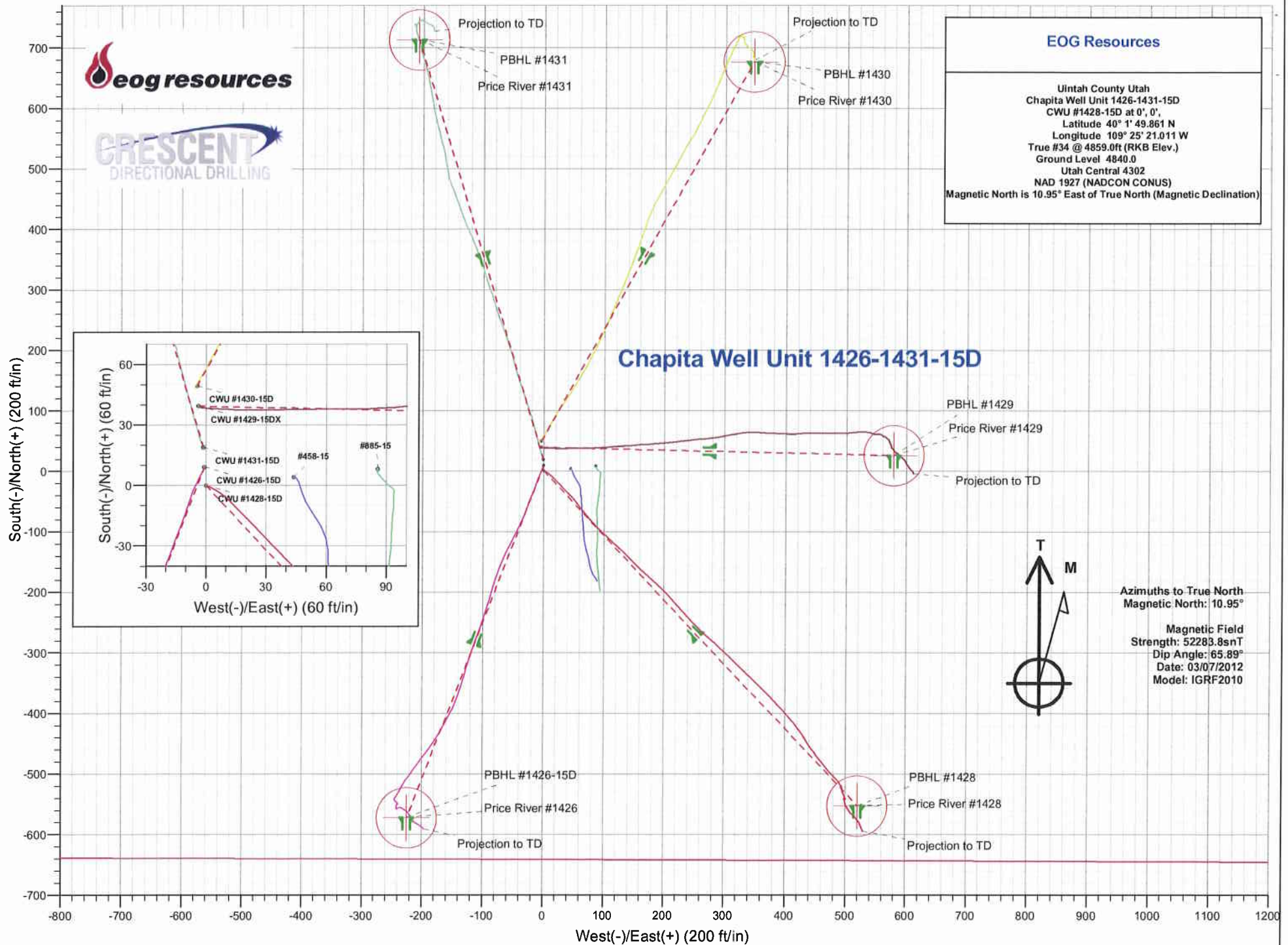
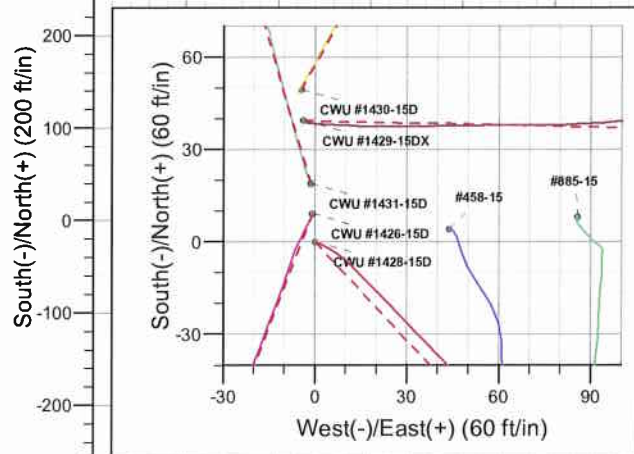
EOG Resources
 Uintah County Utah
 Chapita Well Unit 1426-1431-15D
 CWU #1431-15D
 Latitude 40° 1' 50.048 N
 Longitude 109° 25' 21.029 W
 True #34 @ 4859.0ft (Original Well Elev)
 Ground Level 4840.0
 Utah Central 4302
 NAD 1927 (NADCON CONUS)
 Magnetic North is 10.95° East of True North (Magnetic Declination)



ANNOTATIONS		
TVD	MD	Annotation
9645.5	9716.0	Projection to TD

WELLBORE TARGET DETAILS				
Name	TVD	+N/-S	+E/-W	Shape
Vertical #1431	4483.0	694.6	-206.1	Point
Price River #1431	7213.0	694.6	-206.1	Circle (Radius: 50.0)
PBHL #1431	9575.0	694.6	-206.1	Point





EOG Resources

Utah County Utah
Chapita Well Unit 1426-1431-15D
CWU #1428-15D at 0', 0',
Latitude 40° 1' 49.861 N
Longitude 109° 25' 21.011 W
True #34 @ 4859.0ft (RKB Elev.)
Ground Level 4840.0
Utah Central 4302
NAD 1927 (NADCON CONUS)
Magnetic North is 10.95° East of True North (Magnetic Declination)



Azimuths to True North
Magnetic North: 10.95°

Magnetic Field
Strength: 52283.8nT
Dip Angle: 65.89°
Date: 03/07/2012
Model: IGRF2010



EOG Resources

**Uintah County Utah
Chapita Well Unit 1426-1431-15D
CWU #1431-15D
#1431**

Survey: Actual Surveys

Standard Survey Report

21 June, 2012



Company: EOG Resources
 Project: Uintah County Utah
 Site: Chapita Well Unit 1426-1431-15D
 Well: CWU #1431-15D
 Wellbore: #1431
 Design: #1431

Local Co-ordinate Reference: Well CWU #1431-15D
 TVD Reference: True #34 @ 4859.0ft (Original Well Elev)
 MD Reference: True #34 @ 4859.0ft (Original Well Elev)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.16 Single User Db

Project: Uintah County Utah
 Map System: US State Plane 1927 (Exact solution) System Datum: Mean Sea Level
 Geo Datum: NAD 1927 (NADCON CONUS)
 Map Zone: Utah Central 4302

Site: Chapita Well Unit 1426-1431-15D
 Site Position: Northing: 624,916.61 ft Latitude: 40° 1' 49.861 N
 From: Lat/Long Easting: 2,581,686.14 ft Longitude: 109° 25' 21.011 W
 Position Uncertainty: 0.0 ft Slot Radius: " Grid Convergence: 1.33 °

Well: CWU #1431-15D
 Well Position: +N/-S 0.0 ft Northing: 624,935.51 ft Latitude: 40° 1' 50.048 N
 +E/-W 0.0 ft Easting: 2,581,684.30 ft Longitude: 109° 25' 21.029 W
 Position Uncertainty: 0.0 ft Wellhead Elevation: ft Ground Level: 4,840.0 ft

Wellbore: #1431

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2012/03/07	10.95	65.89	52,284

Design: #1431

Audit Notes:

Version: 1.0 Phase: ACTUAL Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	345.60

Survey Program Date: 2012/06/21

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
300.0	9,716.0	Actual Surveys (#1431)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
335.0	0.90	328.70	335.0	0.2	-0.1	0.3	2.57	2.57	0.00
365.0	1.70	330.00	365.0	0.8	-0.5	0.9	2.67	2.67	4.33
395.0	2.20	339.60	395.0	1.7	-0.9	1.9	1.99	1.67	32.00
425.0	3.00	339.70	424.9	3.0	-1.4	3.3	2.67	2.67	0.33
455.0	3.70	342.60	454.9	4.7	-1.9	5.0	2.40	2.33	9.67
485.0	4.40	344.10	484.8	6.7	-2.6	7.1	2.36	2.33	5.00
515.0	5.10	343.40	514.7	9.1	-3.2	9.6	2.34	2.33	-2.33
545.0	5.90	345.30	544.6	11.9	-4.0	12.5	2.73	2.67	6.33
575.0	6.40	345.80	574.4	15.0	-4.8	15.7	1.68	1.67	1.67
605.0	7.10	345.10	604.2	18.4	-5.7	19.2	2.35	2.33	-2.33
635.0	7.50	344.20	633.9	22.1	-6.7	23.0	1.39	1.33	-3.00

Company: EOG Resources
Project: Uintah County Utah
Site: Chapita Well Unit 1426-1431-15D
Well: CWU #1431-15D
Wellbore: #1431
Design: #1431

Local Co-ordinate Reference: Well CWU #1431-15D
TVD Reference: True #34 @ 4859.0ft (Original Well Elev)
MD Reference: True #34 @ 4859.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
665.0	8.10	344.40	663.7	26.0	-7.8	27.1	2.00	2.00	0.67
695.0	8.80	345.00	693.3	30.2	-9.0	31.5	2.35	2.33	2.00
725.0	9.30	345.90	723.0	34.8	-10.2	36.2	1.73	1.67	3.00
755.0	9.70	346.50	752.6	39.6	-11.3	41.2	1.37	1.33	2.00
785.0	10.00	345.80	782.1	44.6	-12.6	46.3	1.08	1.00	-2.33
815.0	10.20	345.60	811.7	49.7	-13.9	51.6	0.68	0.67	-0.67
845.0	10.40	345.20	841.2	54.9	-15.2	56.9	0.71	0.67	-1.33
875.0	10.50	345.20	870.7	60.1	-16.6	62.4	0.33	0.33	0.00
905.0	10.80	344.80	900.2	65.5	-18.1	67.9	1.03	1.00	-1.33
935.0	10.80	343.10	929.6	70.9	-19.6	73.6	1.06	0.00	-5.67
965.0	10.90	342.50	959.1	76.3	-21.3	79.2	0.50	0.33	-2.00
995.0	11.00	341.60	988.5	81.7	-23.0	84.9	0.66	0.33	-3.00
1,025.0	11.00	341.90	1,018.0	87.2	-24.8	90.6	0.19	0.00	1.00
1,055.0	11.10	341.30	1,047.4	92.6	-26.6	96.3	0.51	0.33	-2.00
1,085.0	11.50	340.80	1,076.9	98.2	-28.5	102.2	1.37	1.33	-1.67
1,115.0	11.60	340.60	1,106.2	103.8	-30.5	108.2	0.36	0.33	-0.67
1,145.0	11.60	340.60	1,135.6	109.5	-32.5	114.2	0.00	0.00	0.00
1,175.0	11.80	340.50	1,165.0	115.3	-34.6	120.2	0.67	0.67	-0.33
1,205.0	11.50	339.80	1,194.4	121.0	-36.6	126.3	1.11	-1.00	-2.33
1,235.0	11.60	340.50	1,223.8	126.6	-38.7	132.3	0.57	0.33	2.33
1,265.0	11.50	341.60	1,253.2	132.3	-40.6	138.2	0.81	-0.33	3.67
1,295.0	11.10	342.70	1,282.6	137.9	-42.4	144.1	1.51	-1.33	3.67
1,325.0	11.30	344.00	1,312.0	143.5	-44.1	149.9	1.07	0.67	4.33
1,355.0	11.30	344.90	1,341.4	149.1	-45.7	155.8	0.59	0.00	3.00
1,385.0	11.50	344.80	1,370.9	154.9	-47.2	161.7	0.67	0.67	-0.33
1,415.0	11.20	344.60	1,400.3	160.6	-48.8	167.6	1.01	-1.00	-0.67
1,445.0	11.20	344.70	1,429.7	166.2	-50.3	173.5	0.06	0.00	0.33
1,475.0	11.40	343.60	1,459.1	171.8	-51.9	179.3	0.98	0.67	-3.67
1,505.0	11.70	343.20	1,488.5	177.6	-53.6	185.3	1.04	1.00	-1.33
1,535.0	11.60	342.50	1,517.9	183.4	-55.4	191.4	0.58	-0.33	-2.33
1,565.0	11.40	342.20	1,547.3	189.1	-57.2	197.4	0.70	-0.67	-1.00
1,595.0	11.40	342.00	1,576.7	194.7	-59.1	203.3	0.13	0.00	-0.67
1,625.0	11.70	341.80	1,606.1	200.4	-60.9	209.3	1.01	1.00	-0.67
1,655.0	11.90	341.10	1,635.4	206.2	-62.9	215.4	0.82	0.67	-2.33
1,685.0	11.80	340.80	1,664.8	212.1	-64.9	221.5	0.39	-0.33	-1.00
1,715.0	11.90	339.70	1,694.2	217.9	-67.0	227.7	0.82	0.33	-3.67
1,745.0	12.10	340.10	1,723.5	223.7	-69.1	233.9	0.72	0.67	1.33
1,775.0	11.90	340.30	1,752.9	229.6	-71.2	240.1	0.68	-0.67	0.67
1,805.0	12.00	340.20	1,782.2	235.4	-73.3	246.3	0.34	0.33	-0.33
1,835.0	11.80	341.50	1,811.6	241.3	-75.3	252.4	1.11	-0.67	4.33
1,865.0	11.70	342.40	1,840.9	247.1	-77.2	258.5	0.70	-0.33	3.00
1,895.0	11.30	342.80	1,870.3	252.8	-79.0	264.5	1.36	-1.33	1.33
1,925.0	11.40	342.80	1,899.7	258.4	-80.8	270.4	0.33	0.33	0.00
1,955.0	11.30	343.00	1,929.2	264.1	-82.5	276.3	0.36	-0.33	0.67
1,985.0	11.50	342.10	1,958.6	269.7	-84.3	282.2	0.89	0.67	-3.00
2,015.0	11.60	341.90	1,988.0	275.4	-86.1	288.2	0.36	0.33	-0.67
2,045.0	11.60	341.50	2,017.3	281.2	-88.0	294.2	0.27	0.00	-1.33
2,075.0	11.90	341.20	2,046.7	287.0	-90.0	300.3	1.02	1.00	-1.00
2,105.0	11.60	340.30	2,076.1	292.7	-92.0	306.4	1.17	-1.00	-3.00
2,135.0	11.60	341.00	2,105.5	298.4	-94.0	312.4	0.47	0.00	2.33
2,165.0	11.30	341.90	2,134.9	304.1	-95.9	318.4	1.16	-1.00	3.00
2,195.0	10.70	342.10	2,164.3	309.5	-97.7	324.1	2.00	-2.00	0.67
2,225.0	10.40	342.50	2,193.8	314.7	-99.3	329.6	1.03	-1.00	1.33
2,255.0	10.20	342.30	2,223.3	319.9	-101.0	334.9	0.68	-0.67	-0.67

Company: EOG Resources
Project: Uintah County Utah
Site: Chapita Well Unit 1426-1431-15D
Well: CWU #1431-15D
Wellbore: #1431
Design: #1431

Local Co-ordinate Reference: Well CWU #1431-15D
TVD Reference: True #34 @ 4859.0ft (Original Well Elev)
MD Reference: True #34 @ 4859.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,285.0	10.20	342.70	2,252.9	324.9	-102.6	340.2	0.24	0.00	1.33
2,401.0	9.00	339.10	2,367.2	343.2	-108.9	359.5	1.16	-1.03	-3.10
2,432.0	8.10	338.70	2,397.9	347.5	-110.5	364.1	2.91	-2.90	-1.29
2,463.0	8.40	337.90	2,428.6	351.6	-112.2	368.5	1.04	0.97	-2.58
2,493.0	8.40	337.40	2,458.3	355.7	-113.8	372.8	0.24	0.00	-1.67
2,525.0	9.00	335.80	2,489.9	360.1	-115.7	377.6	2.02	1.87	-5.00
2,556.0	10.00	335.30	2,520.5	364.8	-117.9	382.6	3.24	3.23	-1.61
2,588.0	11.10	335.90	2,551.9	370.1	-120.3	388.4	3.45	3.44	1.87
2,618.0	11.20	336.30	2,581.4	375.4	-122.6	394.1	0.42	0.33	1.33
2,648.0	11.20	335.90	2,610.8	380.8	-125.0	399.9	0.26	0.00	-1.33
2,680.0	10.90	335.90	2,642.2	386.4	-127.5	405.9	0.94	-0.94	0.00
2,710.0	11.30	337.10	2,671.6	391.7	-129.8	411.6	1.54	1.33	4.00
2,742.0	11.90	339.60	2,703.0	397.6	-132.2	418.0	2.45	1.87	7.81
2,772.0	12.50	342.20	2,732.3	403.6	-134.2	424.3	2.71	2.00	8.67
2,804.0	12.20	342.10	2,763.6	410.1	-136.3	431.2	0.94	-0.94	-0.31
2,835.0	11.50	340.50	2,793.9	416.2	-138.4	437.5	2.49	-2.26	-5.16
2,867.0	11.40	339.20	2,825.3	422.1	-140.6	443.8	0.86	-0.31	-4.06
2,897.0	11.30	338.20	2,854.7	427.6	-142.7	449.7	0.74	-0.33	-3.33
2,929.0	11.00	338.30	2,886.1	433.4	-145.0	455.8	0.94	-0.94	0.31
2,960.0	10.70	339.10	2,916.5	438.8	-147.1	461.6	1.08	-0.97	2.58
2,991.0	11.00	339.90	2,947.0	444.3	-149.2	467.4	1.08	0.97	2.58
3,022.0	11.90	342.00	2,977.3	450.1	-151.2	473.6	3.20	2.90	6.77
3,054.0	11.60	334.00	3,008.7	456.1	-153.6	480.0	5.17	-0.94	-25.00
3,085.0	11.20	345.20	3,039.1	461.8	-155.7	486.1	7.24	-1.29	36.13
3,117.0	11.80	348.10	3,070.4	468.0	-157.2	492.4	2.60	1.87	9.06
3,149.0	12.00	349.80	3,101.7	474.5	-158.5	499.0	1.26	0.62	5.31
3,180.0	12.20	351.10	3,132.0	480.9	-159.5	505.5	1.09	0.65	4.19
3,212.0	12.60	351.20	3,163.3	487.7	-160.6	512.3	1.25	1.25	0.31
3,243.0	11.90	350.60	3,193.6	494.2	-161.6	518.9	2.30	-2.26	-1.94
3,274.0	11.30	350.10	3,224.0	500.4	-162.7	525.1	1.96	-1.94	-1.61
3,306.0	11.10	348.60	3,255.3	506.5	-163.8	531.3	1.10	-0.62	-4.69
3,336.0	11.30	345.80	3,284.8	512.1	-165.1	537.1	1.93	0.67	-9.33
3,368.0	11.30	343.10	3,316.2	518.2	-166.8	543.4	1.65	0.00	-8.44
3,398.0	11.90	343.80	3,345.5	524.0	-168.5	549.4	2.05	2.00	2.33
3,430.0	12.60	346.90	3,376.8	530.5	-170.2	556.2	3.00	2.19	9.69
3,461.0	13.20	347.80	3,407.0	537.3	-171.8	563.1	2.04	1.94	2.90
3,492.0	12.60	346.20	3,437.3	544.0	-173.3	570.0	2.25	-1.94	-5.16
3,523.0	11.70	345.90	3,467.6	550.4	-174.9	576.6	2.91	-2.90	-0.97
3,554.0	11.30	345.50	3,497.9	556.4	-176.4	582.7	1.32	-1.29	-1.29
3,585.0	11.10	345.50	3,528.3	562.2	-177.9	588.8	0.65	-0.65	0.00
3,616.0	11.60	346.60	3,558.7	568.1	-179.4	594.9	1.76	1.61	3.55
3,648.0	12.20	348.80	3,590.1	574.6	-180.8	601.5	2.35	1.87	6.87
3,678.0	12.60	350.80	3,619.4	580.9	-181.9	607.9	1.96	1.33	6.67
3,709.0	12.70	351.20	3,649.6	587.6	-183.0	614.6	0.43	0.32	1.29
3,741.0	12.50	351.10	3,680.8	594.5	-184.1	621.6	0.63	-0.62	-0.31
3,772.0	11.70	351.00	3,711.1	600.9	-185.1	628.1	2.58	-2.58	-0.32
3,804.0	11.50	349.50	3,742.5	607.3	-186.2	634.5	1.13	-0.62	-4.69
3,836.0	11.70	348.70	3,773.8	613.6	-187.4	640.9	0.80	0.62	-2.50
3,866.0	11.90	350.50	3,803.2	619.6	-188.5	647.0	1.40	0.67	6.00
3,898.0	11.30	350.00	3,834.5	625.9	-189.6	653.4	1.90	-1.87	-1.56
3,928.0	11.60	349.20	3,863.9	631.8	-190.6	659.4	1.13	1.00	-2.67
3,959.0	11.60	347.30	3,894.3	637.9	-191.9	665.6	1.23	0.00	-6.13
3,990.0	11.20	345.60	3,924.7	643.9	-193.3	671.7	1.69	-1.29	-5.48
4,022.0	10.50	344.70	3,956.1	649.7	-194.9	677.7	2.25	-2.19	-2.81

Company: EOG Resources
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North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,053.0	9.60	344.00	3,986.7	654.9	-196.3	683.2	2.93	-2.90	-2.26
4,083.0	9.00	343.10	4,016.3	659.5	-197.7	688.0	2.06	-2.00	-3.00
4,115.0	8.50	342.30	4,047.9	664.2	-199.2	692.9	1.61	-1.56	-2.50
4,145.0	7.70	343.00	4,077.6	668.2	-200.4	697.1	2.69	-2.67	2.33
4,177.0	7.80	344.10	4,109.3	672.4	-201.7	701.4	0.56	0.31	3.44
4,209.0	8.00	345.30	4,141.0	676.6	-202.8	705.8	0.81	0.62	3.75
4,239.0	7.80	346.40	4,170.7	680.6	-203.8	709.9	0.84	-0.67	3.67
4,271.0	7.30	346.90	4,202.4	684.7	-204.8	714.1	1.58	-1.56	1.56
4,301.0	6.90	345.60	4,232.2	688.3	-205.7	717.8	1.44	-1.33	-4.33
4,331.0	6.30	343.80	4,262.0	691.6	-206.6	721.3	2.12	-2.00	-6.00
4,363.0	5.70	344.10	4,293.8	694.8	-207.5	724.6	1.88	-1.87	0.94
4,394.0	5.60	344.80	4,324.7	697.8	-208.3	727.7	0.39	-0.32	2.26
4,426.0	5.50	344.70	4,356.5	700.8	-209.1	730.8	0.31	-0.31	-0.31
4,457.0	5.00	345.20	4,387.4	703.5	-209.9	733.6	1.62	-1.61	1.61
4,488.0	4.60	345.40	4,418.3	706.0	-210.5	736.2	1.29	-1.29	0.65
4,520.0	3.80	350.10	4,450.2	708.3	-211.0	738.5	2.72	-2.50	14.69
4,551.0	3.20	352.90	4,481.1	710.2	-211.3	740.4	2.01	-1.94	9.03
4,552.0	3.20	352.90	4,482.1	710.2	-211.3	740.5	0.31	-0.31	0.00
Vertical #1431									
4,583.0	3.10	352.90	4,513.1	711.9	-211.5	742.2	0.31	-0.31	0.00
4,615.0	3.00	351.80	4,545.0	713.6	-211.8	743.8	0.36	-0.31	-3.44
4,647.0	2.50	351.30	4,577.0	715.1	-212.0	745.4	1.56	-1.56	-1.56
4,678.0	2.00	350.90	4,608.0	716.3	-212.2	746.6	1.61	-1.61	-1.29
4,709.0	1.70	347.20	4,639.0	717.3	-212.4	747.6	1.04	-0.97	-11.94
4,741.0	1.30	337.30	4,671.0	718.1	-212.6	748.4	1.48	-1.25	-30.94
4,773.0	0.70	317.90	4,703.0	718.6	-212.9	748.9	2.13	-1.87	-60.62
4,805.0	0.40	288.90	4,735.0	718.8	-213.1	749.2	1.25	-0.94	-90.62
4,836.0	0.40	261.70	4,766.0	718.8	-213.3	749.3	0.61	0.00	-87.74
4,928.0	0.50	280.00	4,857.9	718.8	-214.0	749.5	0.19	0.11	19.89
5,021.0	0.30	236.60	4,950.9	718.7	-214.6	749.5	0.38	-0.22	-46.67
5,115.0	0.30	226.00	5,044.9	718.4	-215.0	749.3	0.06	0.00	-11.28
5,208.0	0.10	226.00	5,137.9	718.2	-215.3	749.2	0.22	-0.22	0.00
5,302.0	0.60	48.60	5,231.9	718.5	-214.9	749.4	0.74	0.53	-188.72
5,397.0	0.40	73.60	5,326.9	718.9	-214.3	749.6	0.31	-0.21	26.32
5,492.0	0.40	70.80	5,421.9	719.1	-213.6	749.6	0.02	0.00	-2.95
5,586.0	0.40	111.40	5,515.9	719.1	-213.0	749.5	0.30	0.00	43.19
5,678.0	0.40	116.60	5,607.9	718.8	-212.4	749.1	0.04	0.00	5.65
5,772.0	0.40	125.30	5,701.9	718.5	-211.9	748.6	0.06	0.00	9.26
5,867.0	0.40	129.90	5,796.9	718.1	-211.3	748.1	0.03	0.00	4.84
5,959.0	0.40	153.10	5,888.9	717.6	-210.9	747.5	0.17	0.00	25.22
6,053.0	0.60	352.60	5,982.9	717.8	-210.9	747.7	1.05	0.21	-170.74
6,147.0	0.40	3.40	6,076.9	718.6	-210.9	748.5	0.23	-0.21	11.49
6,240.0	0.70	338.60	6,169.9	719.5	-211.1	749.4	0.40	0.32	-26.67
6,333.0	0.40	333.60	6,262.9	720.3	-211.4	750.2	0.33	-0.32	-5.38
6,427.0	0.10	312.40	6,356.9	720.6	-211.7	750.6	0.33	-0.32	-22.55
6,519.0	0.20	167.40	6,448.9	720.5	-211.7	750.5	0.31	0.11	-157.61
6,613.0	0.40	168.30	6,542.9	720.1	-211.6	750.0	0.21	0.21	0.96
6,706.0	0.60	166.90	6,635.9	719.3	-211.4	749.2	0.22	0.22	-1.51
6,799.0	0.40	118.60	6,728.9	718.6	-211.0	748.5	0.48	-0.22	-51.94
6,893.0	0.50	22.40	6,822.9	718.9	-210.6	748.6	0.72	0.11	-102.34
6,988.0	0.40	36.70	6,917.9	719.5	-210.2	749.2	0.16	-0.11	15.05
7,081.0	0.30	68.10	7,010.9	719.9	-209.8	749.4	0.23	-0.11	33.76
7,174.0	0.10	215.10	7,103.9	719.9	-209.6	749.4	0.42	-0.22	158.06
7,269.0	0.70	40.60	7,198.9	720.2	-209.3	749.7	0.84	0.63	-183.68
7,283.0	0.65	43.17	7,212.9	720.4	-209.2	749.8	0.43	-0.37	18.38

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Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
Price River #1431									
7,362.0	0.40	69.50	7,291.9	720.8	-208.6	750.0	0.43	-0.31	33.32
7,456.0	1.00	17.90	7,385.9	721.7	-208.0	750.8	0.87	0.64	-54.89
7,552.0	1.00	17.70	7,481.9	723.3	-207.5	752.2	0.00	0.00	-0.21
7,644.0	0.90	30.00	7,573.9	724.7	-206.9	753.4	0.25	-0.11	13.37
7,738.0	0.80	47.30	7,667.8	725.8	-206.1	754.2	0.29	-0.11	18.40
7,833.0	0.80	74.70	7,762.8	726.4	-204.9	754.5	0.40	0.00	28.84
7,927.0	0.80	96.70	7,856.8	726.5	-203.7	754.3	0.32	0.00	23.40
8,021.0	1.10	109.80	7,950.8	726.1	-202.2	753.6	0.39	0.32	13.94
8,116.0	0.60	80.00	8,045.8	725.9	-200.8	753.0	0.69	-0.53	-31.37
8,210.0	0.60	107.60	8,139.8	725.8	-199.9	752.7	0.30	0.00	29.36
8,306.0	0.70	111.20	8,235.8	725.4	-198.8	752.1	0.11	0.10	3.75
8,398.0	0.40	131.00	8,327.8	725.0	-198.1	751.5	0.38	-0.33	21.52
8,492.0	0.60	140.40	8,421.8	724.4	-197.5	750.8	0.23	0.21	10.00
8,586.0	0.80	126.00	8,515.8	723.7	-196.7	749.8	0.28	0.21	-15.32
8,679.0	1.00	122.60	8,608.8	722.9	-195.4	748.8	0.22	0.22	-3.66
8,773.0	0.90	124.50	8,702.8	722.0	-194.1	747.6	0.11	-0.11	2.02
8,867.0	1.00	123.40	8,796.7	721.1	-192.9	746.4	0.11	0.11	-1.17
8,960.0	0.90	115.10	8,889.7	720.4	-191.5	745.4	0.18	-0.11	-8.92
9,053.0	1.20	109.50	8,982.7	719.7	-189.9	744.4	0.34	0.32	-6.02
9,147.0	1.20	116.40	9,076.7	719.0	-188.1	743.2	0.15	0.00	7.34
9,241.0	1.10	114.90	9,170.7	718.2	-186.4	742.0	0.11	-0.11	-1.60
9,335.0	1.00	129.20	9,264.7	717.3	-185.0	740.7	0.30	-0.11	15.21
9,430.0	1.50	154.80	9,359.6	715.6	-183.8	738.8	0.78	0.53	26.95
9,524.0	1.60	166.60	9,453.6	713.2	-183.0	736.3	0.36	0.11	12.55
9,600.0	1.80	166.50	9,529.6	711.0	-182.5	734.1	0.26	0.26	-0.13
PBHL #1431									
9,716.0	1.80	166.50	9,645.5	707.5	-181.6	730.4	0.00	0.00	0.00
Projection to TD									

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North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Targets

Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
Vertical #1431	0.00	0.00	4,483.0	694.6	-206.1	625,625.16	2,581,462.13	40° 1' 56.914 N	109° 25' 23.678 W
- survey misses target center by 16.5ft at 4552.0ft MD (4482.1 TVD, 710.2 N, -211.3 E)									
- Point									
PBHL #1431	0.00	0.00	9,575.0	694.6	-206.1	625,625.16	2,581,462.13	40° 1' 56.914 N	109° 25' 23.678 W
- survey misses target center by 53.8ft at 9600.0ft MD (9529.6 TVD, 711.0 N, -182.5 E)									
- Point									
Price River #1431	0.00	0.00	7,213.0	694.6	-206.1	625,625.16	2,581,462.13	40° 1' 56.914 N	109° 25' 23.678 W
- survey misses target center by 25.9ft at 7282.9ft MD (7212.8 TVD, 720.4 N, -209.2 E)									
- Circle (radius 50.0)									

Survey Annotations

Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	
9,716.0	9,645.5	707.5	-181.6	Projection to TD

Checked By: _____ Approved By: _____ Date: _____



EOG Resources

**Uintah County Utah
Chapita Well Unit 1426-1431-15D
CWU #1431-15D
#1431**

Survey: Actual Surveys

Survey Report - Geographic

21 June, 2012



Company: EOG Resources
Project: Uintah County Utah
Site: Chapita Well Unit 1426-1431-15D
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Database: EDM 2003.16 Single User Db

Project	Uintah County Utah		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site Chapita Well Unit 1426-1431-15D

Site Position:		Northing:	624,916.61 ft	Latitude:	40° 1' 49.861 N
From:	Lat/Long	Easting:	2,581,686.14 ft	Longitude:	109° 25' 21.011 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	1.33 °

Well CWU #1431-15D

Well Position	+N/-S	0.0 ft	Northing:	624,935.51 ft	Latitude:	40° 1' 50.048 N
	+E/-W	0.0 ft	Easting:	2,581,684.30 ft	Longitude:	109° 25' 21.029 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,840.0 ft

Wellbore #1431

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2012/03/07	10.95	65.89	52,284

Design #1431

Audit Notes:

Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
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Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	345.60

Survey Program Date 2012/06/21

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
300.0	9,716.0	Actual Surveys (#1431)	MWD	MWD - Standard

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North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	624,935.51	2,581,684.30	40° 1' 50.048 N	109° 25' 21.029 W
300.0	0.00	0.00	300.0	0.0	0.0	624,935.51	2,581,684.30	40° 1' 50.048 N	109° 25' 21.029 W
335.0	0.90	328.70	335.0	0.2	-0.1	624,935.75	2,581,684.15	40° 1' 50.051 N	109° 25' 21.031 W
365.0	1.70	330.00	365.0	0.8	-0.5	624,936.32	2,581,683.79	40° 1' 50.056 N	109° 25' 21.035 W
395.0	2.20	339.60	395.0	1.7	-0.9	624,937.24	2,581,683.35	40° 1' 50.066 N	109° 25' 21.041 W
425.0	3.00	339.70	424.9	3.0	-1.4	624,938.50	2,581,682.84	40° 1' 50.078 N	109° 25' 21.047 W
455.0	3.70	342.60	454.9	4.7	-1.9	624,940.15	2,581,682.24	40° 1' 50.095 N	109° 25' 21.054 W
485.0	4.40	344.10	484.8	6.7	-2.6	624,942.17	2,581,681.59	40° 1' 50.115 N	109° 25' 21.062 W
515.0	5.10	343.40	514.7	9.1	-3.2	624,944.53	2,581,680.84	40° 1' 50.138 N	109° 25' 21.071 W
545.0	5.90	345.30	544.6	11.9	-4.0	624,947.29	2,581,680.00	40° 1' 50.166 N	109° 25' 21.080 W
575.0	6.40	345.80	574.4	15.0	-4.8	624,950.38	2,581,679.13	40° 1' 50.196 N	109° 25' 21.091 W
605.0	7.10	345.10	604.2	18.4	-5.7	624,953.77	2,581,678.16	40° 1' 50.230 N	109° 25' 21.102 W
635.0	7.50	344.20	633.9	22.1	-6.7	624,957.42	2,581,677.07	40° 1' 50.266 N	109° 25' 21.115 W
665.0	8.10	344.40	663.7	26.0	-7.8	624,961.31	2,581,675.88	40° 1' 50.305 N	109° 25' 21.129 W
695.0	8.80	345.00	693.3	30.2	-9.0	624,965.54	2,581,674.62	40° 1' 50.347 N	109° 25' 21.144 W
725.0	9.30	345.90	723.0	34.8	-10.2	624,970.08	2,581,673.33	40° 1' 50.392 N	109° 25' 21.159 W
755.0	9.70	346.50	752.6	39.6	-11.3	624,974.86	2,581,672.03	40° 1' 50.440 N	109° 25' 21.175 W
785.0	10.00	345.80	782.1	44.6	-12.6	624,979.81	2,581,670.69	40° 1' 50.489 N	109° 25' 21.190 W
815.0	10.20	345.60	811.7	49.7	-13.9	624,984.88	2,581,669.27	40° 1' 50.540 N	109° 25' 21.207 W
845.0	10.40	345.20	841.2	54.9	-15.2	624,990.03	2,581,667.80	40° 1' 50.591 N	109° 25' 21.225 W
875.0	10.50	345.20	870.7	60.1	-16.6	624,995.26	2,581,666.29	40° 1' 50.643 N	109° 25' 21.242 W
905.0	10.80	344.80	900.2	65.5	-18.1	625,000.58	2,581,664.73	40° 1' 50.696 N	109° 25' 21.261 W
935.0	10.80	343.10	929.6	70.9	-19.6	625,005.95	2,581,663.05	40° 1' 50.749 N	109° 25' 21.281 W
965.0	10.90	342.50	959.1	76.3	-21.3	625,011.30	2,581,661.26	40° 1' 50.802 N	109° 25' 21.302 W
995.0	11.00	341.60	988.5	81.7	-23.0	625,016.68	2,581,659.37	40° 1' 50.856 N	109° 25' 21.325 W
1,025.0	11.00	341.90	1,018.0	87.2	-24.8	625,022.07	2,581,657.45	40° 1' 50.910 N	109° 25' 21.348 W
1,055.0	11.10	341.30	1,047.4	92.6	-26.6	625,027.48	2,581,655.51	40° 1' 50.964 N	109° 25' 21.371 W
1,085.0	11.50	340.80	1,076.9	98.2	-28.5	625,033.00	2,581,653.48	40° 1' 51.019 N	109° 25' 21.396 W
1,115.0	11.60	340.60	1,106.2	103.8	-30.5	625,038.62	2,581,651.36	40° 1' 51.075 N	109° 25' 21.421 W
1,145.0	11.60	340.60	1,135.6	109.5	-32.5	625,044.26	2,581,649.22	40° 1' 51.131 N	109° 25' 21.447 W
1,175.0	11.80	340.50	1,165.0	115.3	-34.6	625,049.95	2,581,647.07	40° 1' 51.188 N	109° 25' 21.473 W
1,205.0	11.50	339.80	1,194.4	121.0	-36.6	625,055.60	2,581,644.88	40° 1' 51.244 N	109° 25' 21.500 W
1,235.0	11.60	340.50	1,223.8	126.6	-38.7	625,061.20	2,581,642.71	40° 1' 51.300 N	109° 25' 21.526 W
1,265.0	11.50	341.60	1,253.2	132.3	-40.6	625,066.83	2,581,640.62	40° 1' 51.356 N	109° 25' 21.551 W
1,295.0	11.10	342.70	1,282.6	137.9	-42.4	625,072.38	2,581,638.69	40° 1' 51.411 N	109° 25' 21.574 W
1,325.0	11.30	344.00	1,312.0	143.5	-44.1	625,077.93	2,581,636.89	40° 1' 51.466 N	109° 25' 21.596 W
1,355.0	11.30	344.90	1,341.4	149.1	-45.7	625,083.55	2,581,635.19	40° 1' 51.522 N	109° 25' 21.616 W
1,385.0	11.50	344.80	1,370.9	154.9	-47.2	625,089.24	2,581,633.51	40° 1' 51.579 N	109° 25' 21.636 W
1,415.0	11.20	344.60	1,400.3	160.6	-48.8	625,094.89	2,581,631.82	40° 1' 51.635 N	109° 25' 21.656 W
1,445.0	11.20	344.70	1,429.7	166.2	-50.3	625,100.48	2,581,630.14	40° 1' 51.691 N	109° 25' 21.676 W
1,475.0	11.40	343.60	1,459.1	171.8	-51.9	625,106.09	2,581,628.41	40° 1' 51.747 N	109° 25' 21.696 W
1,505.0	11.70	343.20	1,488.5	177.6	-53.6	625,111.81	2,581,626.56	40° 1' 51.804 N	109° 25' 21.718 W
1,535.0	11.60	342.50	1,517.9	183.4	-55.4	625,117.55	2,581,624.64	40° 1' 51.861 N	109° 25' 21.741 W
1,565.0	11.40	342.20	1,547.3	189.1	-57.2	625,123.21	2,581,622.69	40° 1' 51.917 N	109° 25' 21.765 W
1,595.0	11.40	342.00	1,576.7	194.7	-59.1	625,128.81	2,581,620.74	40° 1' 51.973 N	109° 25' 21.788 W
1,625.0	11.70	341.80	1,606.1	200.4	-60.9	625,134.47	2,581,618.74	40° 1' 52.029 N	109° 25' 21.812 W
1,655.0	11.90	341.10	1,635.4	206.2	-62.9	625,140.24	2,581,616.65	40° 1' 52.087 N	109° 25' 21.837 W
1,685.0	11.80	340.80	1,664.8	212.1	-64.9	625,146.01	2,581,614.51	40° 1' 52.144 N	109° 25' 21.863 W
1,715.0	11.90	339.70	1,694.2	217.9	-67.0	625,151.76	2,581,612.29	40° 1' 52.202 N	109° 25' 21.890 W
1,745.0	12.10	340.10	1,723.5	223.7	-69.1	625,157.57	2,581,610.01	40° 1' 52.259 N	109° 25' 21.917 W
1,775.0	11.90	340.30	1,752.9	229.6	-71.2	625,163.39	2,581,607.76	40° 1' 52.317 N	109° 25' 21.944 W
1,805.0	12.00	340.20	1,782.2	235.4	-73.3	625,169.18	2,581,605.53	40° 1' 52.375 N	109° 25' 21.971 W
1,835.0	11.80	341.50	1,811.6	241.3	-75.3	625,174.98	2,581,603.37	40° 1' 52.433 N	109° 25' 21.998 W
1,865.0	11.70	342.40	1,840.9	247.1	-77.2	625,180.74	2,581,601.34	40° 1' 52.490 N	109° 25' 22.022 W
1,895.0	11.30	342.80	1,870.3	252.8	-79.0	625,186.40	2,581,599.42	40° 1' 52.547 N	109° 25' 22.045 W

Company: EOG Resources
Project: Uintah County Utah
Site: Chapita Well Unit 1426-1431-15D
Well: CWU #1431-15D
Wellbore: #1431
Design: #1431

Local Co-ordinate Reference: Well CWU #1431-15D
TVD Reference: True #34 @ 4859.0ft (Original Well Elev)
MD Reference: True #34 @ 4859.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
1,925.0	11.40	342.80	1,899.7	258.4	-80.8	625,192.00	2,581,597.54	40° 1' 52.603 N	109° 25' 22.067 W
1,955.0	11.30	343.00	1,929.2	264.1	-82.5	625,197.60	2,581,595.67	40° 1' 52.658 N	109° 25' 22.090 W
1,985.0	11.50	342.10	1,958.6	269.7	-84.3	625,203.22	2,581,593.76	40° 1' 52.714 N	109° 25' 22.112 W
2,015.0	11.60	341.90	1,988.0	275.4	-86.1	625,208.89	2,581,591.78	40° 1' 52.771 N	109° 25' 22.136 W
2,045.0	11.60	341.50	2,017.3	281.2	-88.0	625,214.57	2,581,589.75	40° 1' 52.827 N	109° 25' 22.161 W
2,075.0	11.90	341.20	2,046.7	287.0	-90.0	625,220.31	2,581,587.66	40° 1' 52.885 N	109° 25' 22.186 W
2,105.0	11.60	340.30	2,076.1	292.7	-92.0	625,226.03	2,581,585.51	40° 1' 52.942 N	109° 25' 22.212 W
2,135.0	11.60	341.00	2,105.5	298.4	-94.0	625,231.67	2,581,583.38	40° 1' 52.998 N	109° 25' 22.237 W
2,165.0	11.30	341.90	2,134.9	304.1	-95.9	625,237.27	2,581,581.36	40° 1' 53.054 N	109° 25' 22.262 W
2,195.0	10.70	342.10	2,164.3	309.5	-97.7	625,242.67	2,581,579.46	40° 1' 53.107 N	109° 25' 22.285 W
2,225.0	10.40	342.50	2,193.8	314.7	-99.3	625,247.87	2,581,577.67	40° 1' 53.159 N	109° 25' 22.306 W
2,255.0	10.20	342.30	2,223.3	319.9	-101.0	625,252.94	2,581,575.93	40° 1' 53.210 N	109° 25' 22.327 W
2,285.0	10.20	342.70	2,252.9	324.9	-102.6	625,257.97	2,581,574.22	40° 1' 53.260 N	109° 25' 22.347 W
2,401.0	9.00	339.10	2,367.2	343.2	-108.9	625,276.10	2,581,567.50	40° 1' 53.440 N	109° 25' 22.428 W
2,432.0	8.10	338.70	2,397.9	347.5	-110.5	625,280.36	2,581,565.75	40° 1' 53.483 N	109° 25' 22.450 W
2,463.0	8.40	337.90	2,428.6	351.6	-112.2	625,284.45	2,581,564.00	40° 1' 53.524 N	109° 25' 22.471 W
2,493.0	8.40	337.40	2,458.3	355.7	-113.8	625,288.47	2,581,562.24	40° 1' 53.564 N	109° 25' 22.492 W
2,525.0	9.00	335.80	2,489.9	360.1	-115.7	625,292.86	2,581,560.22	40° 1' 53.608 N	109° 25' 22.517 W
2,556.0	10.00	335.30	2,520.5	364.8	-117.9	625,297.47	2,581,557.99	40° 1' 53.654 N	109° 25' 22.544 W
2,588.0	11.10	335.90	2,551.9	370.1	-120.3	625,302.75	2,581,555.45	40° 1' 53.706 N	109° 25' 22.575 W
2,618.0	11.20	336.30	2,581.4	375.4	-122.6	625,307.99	2,581,552.98	40° 1' 53.759 N	109° 25' 22.605 W
2,648.0	11.20	335.90	2,610.8	380.8	-125.0	625,313.27	2,581,550.49	40° 1' 53.812 N	109° 25' 22.636 W
2,680.0	10.90	335.90	2,642.2	386.4	-127.5	625,318.80	2,581,547.86	40° 1' 53.867 N	109° 25' 22.668 W
2,710.0	11.30	337.10	2,671.6	391.7	-129.8	625,324.05	2,581,545.43	40° 1' 53.919 N	109° 25' 22.698 W
2,742.0	11.90	339.60	2,703.0	397.6	-132.2	625,329.97	2,581,542.93	40° 1' 53.978 N	109° 25' 22.728 W
2,772.0	12.50	342.20	2,732.3	403.6	-134.2	625,335.91	2,581,540.72	40° 1' 54.038 N	109° 25' 22.755 W
2,804.0	12.20	342.10	2,763.6	410.1	-136.3	625,342.38	2,581,538.47	40° 1' 54.102 N	109° 25' 22.782 W
2,835.0	11.50	340.50	2,793.9	416.2	-138.4	625,348.36	2,581,536.29	40° 1' 54.162 N	109° 25' 22.808 W
2,867.0	11.40	339.20	2,825.3	422.1	-140.6	625,354.27	2,581,533.96	40° 1' 54.220 N	109° 25' 22.836 W
2,897.0	11.30	338.20	2,854.7	427.6	-142.7	625,359.72	2,581,531.69	40° 1' 54.275 N	109° 25' 22.864 W
2,929.0	11.00	338.30	2,886.1	433.4	-145.0	625,365.41	2,581,529.27	40° 1' 54.332 N	109° 25' 22.893 W
2,960.0	10.70	339.10	2,916.5	438.8	-147.1	625,370.80	2,581,527.02	40° 1' 54.385 N	109° 25' 22.920 W
2,991.0	11.00	339.90	2,947.0	444.3	-149.2	625,376.21	2,581,524.85	40° 1' 54.439 N	109° 25' 22.947 W
3,022.0	11.90	342.00	2,977.3	450.1	-151.2	625,381.98	2,581,522.71	40° 1' 54.497 N	109° 25' 22.972 W
3,054.0	11.60	334.00	3,008.7	456.1	-153.6	625,387.95	2,581,520.14	40° 1' 54.556 N	109° 25' 23.004 W
3,085.0	11.20	345.20	3,039.1	461.8	-155.7	625,393.61	2,581,517.88	40° 1' 54.613 N	109° 25' 23.031 W
3,117.0	11.80	348.10	3,070.4	468.0	-157.2	625,399.79	2,581,516.26	40° 1' 54.674 N	109° 25' 23.050 W
3,149.0	12.00	349.80	3,101.7	474.5	-158.5	625,406.23	2,581,514.85	40° 1' 54.738 N	109° 25' 23.066 W
3,180.0	12.20	351.10	3,132.0	480.9	-159.5	625,412.61	2,581,513.62	40° 1' 54.802 N	109° 25' 23.080 W
3,212.0	12.60	351.20	3,163.3	487.7	-160.6	625,419.37	2,581,512.41	40° 1' 54.869 N	109° 25' 23.094 W
3,243.0	11.90	350.60	3,193.6	494.2	-161.6	625,425.84	2,581,511.22	40° 1' 54.933 N	109° 25' 23.107 W
3,274.0	11.30	350.10	3,224.0	500.4	-162.7	625,431.96	2,581,510.03	40° 1' 54.994 N	109° 25' 23.120 W
3,306.0	11.10	348.60	3,255.3	506.5	-163.8	625,438.04	2,581,508.74	40° 1' 55.054 N	109° 25' 23.135 W
3,336.0	11.30	345.80	3,284.8	512.1	-165.1	625,443.69	2,581,507.32	40° 1' 55.110 N	109° 25' 23.152 W
3,368.0	11.30	343.10	3,316.2	518.2	-166.8	625,449.69	2,581,505.50	40° 1' 55.170 N	109° 25' 23.173 W
3,398.0	11.90	343.80	3,345.5	524.0	-168.5	625,455.43	2,581,503.65	40° 1' 55.227 N	109° 25' 23.195 W
3,430.0	12.60	346.90	3,376.8	530.5	-170.2	625,461.96	2,581,501.79	40° 1' 55.292 N	109° 25' 23.217 W
3,461.0	13.20	347.80	3,407.0	537.3	-171.8	625,468.67	2,581,500.11	40° 1' 55.359 N	109° 25' 23.237 W
3,492.0	12.60	346.20	3,437.3	544.0	-173.3	625,475.38	2,581,498.40	40° 1' 55.425 N	109° 25' 23.257 W
3,523.0	11.70	345.90	3,467.6	550.4	-174.9	625,481.67	2,581,496.68	40° 1' 55.488 N	109° 25' 23.277 W
3,554.0	11.30	345.50	3,497.9	556.4	-176.4	625,487.62	2,581,495.02	40° 1' 55.547 N	109° 25' 23.297 W
3,585.0	11.10	345.50	3,528.3	562.2	-177.9	625,493.42	2,581,493.38	40° 1' 55.605 N	109° 25' 23.316 W
3,616.0	11.60	346.60	3,558.7	568.1	-179.4	625,499.30	2,581,491.77	40° 1' 55.663 N	109° 25' 23.335 W
3,648.0	12.20	348.80	3,590.1	574.6	-180.8	625,505.71	2,581,490.22	40° 1' 55.727 N	109° 25' 23.353 W
3,678.0	12.60	350.80	3,619.4	580.9	-181.9	625,512.03	2,581,488.93	40° 1' 55.790 N	109° 25' 23.368 W



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TVD Reference: True #34 @ 4859.0ft (Original Well Elev)
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North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
3,709.0	12.70	351.20	3,649.6	587.6	-183.0	625,518.70	2,581,487.72	40° 1' 55.856 N	109° 25' 23.381 W
3,741.0	12.50	351.10	3,680.8	594.5	-184.1	625,525.58	2,581,486.48	40° 1' 55.924 N	109° 25' 23.395 W
3,772.0	11.70	351.00	3,711.1	600.9	-185.1	625,531.97	2,581,485.32	40° 1' 55.987 N	109° 25' 23.408 W
3,804.0	11.50	349.50	3,742.5	607.3	-186.2	625,538.28	2,581,484.09	40° 1' 56.050 N	109° 25' 23.422 W
3,836.0	11.70	348.70	3,773.8	613.6	-187.4	625,544.57	2,581,482.72	40° 1' 56.113 N	109° 25' 23.438 W
3,866.0	11.90	350.50	3,803.2	619.6	-188.5	625,550.58	2,581,481.48	40° 1' 56.172 N	109° 25' 23.452 W
3,898.0	11.30	350.00	3,834.5	625.9	-189.6	625,556.89	2,581,480.24	40° 1' 56.235 N	109° 25' 23.466 W
3,928.0	11.60	349.20	3,863.9	631.8	-190.6	625,562.72	2,581,479.03	40° 1' 56.293 N	109° 25' 23.480 W
3,959.0	11.60	347.30	3,894.3	637.9	-191.9	625,568.79	2,581,477.62	40° 1' 56.353 N	109° 25' 23.496 W
3,990.0	11.20	345.60	3,924.7	643.9	-193.3	625,574.72	2,581,476.05	40° 1' 56.412 N	109° 25' 23.515 W
4,022.0	10.50	344.70	3,956.1	649.7	-194.9	625,580.50	2,581,474.37	40° 1' 56.469 N	109° 25' 23.534 W
4,053.0	9.60	344.00	3,986.7	654.9	-196.3	625,585.67	2,581,472.79	40° 1' 56.521 N	109° 25' 23.553 W
4,083.0	9.00	343.10	4,016.3	659.5	-197.7	625,590.29	2,581,471.31	40° 1' 56.567 N	109° 25' 23.571 W
4,115.0	8.50	342.30	4,047.9	664.2	-199.2	625,594.90	2,581,469.76	40° 1' 56.613 N	109° 25' 23.589 W
4,145.0	7.70	343.00	4,077.6	668.2	-200.4	625,598.91	2,581,468.40	40° 1' 56.653 N	109° 25' 23.606 W
4,177.0	7.80	344.10	4,109.3	672.4	-201.7	625,603.02	2,581,467.09	40° 1' 56.694 N	109° 25' 23.621 W
4,209.0	8.00	345.30	4,141.0	676.6	-202.8	625,607.23	2,581,465.83	40° 1' 56.736 N	109° 25' 23.636 W
4,239.0	7.80	346.40	4,170.7	680.6	-203.8	625,611.21	2,581,464.73	40° 1' 56.775 N	109° 25' 23.649 W
4,271.0	7.30	346.90	4,202.4	684.7	-204.8	625,615.27	2,581,463.66	40° 1' 56.815 N	109° 25' 23.662 W
4,301.0	6.90	345.60	4,232.2	688.3	-205.7	625,618.85	2,581,462.70	40° 1' 56.851 N	109° 25' 23.673 W
4,331.0	6.30	343.80	4,262.0	691.6	-206.6	625,622.16	2,581,461.71	40° 1' 56.884 N	109° 25' 23.685 W
4,363.0	5.70	344.10	4,293.8	694.8	-207.5	625,625.35	2,581,460.71	40° 1' 56.916 N	109° 25' 23.697 W
4,394.0	5.60	344.80	4,324.7	697.8	-208.3	625,628.27	2,581,459.83	40° 1' 56.945 N	109° 25' 23.707 W
4,426.0	5.50	344.70	4,356.5	700.8	-209.1	625,631.24	2,581,458.94	40° 1' 56.974 N	109° 25' 23.718 W
4,457.0	5.00	345.20	4,387.4	703.5	-209.9	625,633.96	2,581,458.14	40° 1' 57.001 N	109° 25' 23.727 W
4,488.0	4.60	345.40	4,418.3	706.0	-210.5	625,636.45	2,581,457.43	40° 1' 57.026 N	109° 25' 23.736 W
4,520.0	3.80	350.10	4,450.2	708.3	-211.0	625,638.72	2,581,456.87	40° 1' 57.049 N	109° 25' 23.742 W
4,551.0	3.20	352.90	4,481.1	710.2	-211.3	625,640.59	2,581,456.54	40° 1' 57.067 N	109° 25' 23.746 W
4,552.0	3.20	352.90	4,482.1	710.2	-211.3	625,640.64	2,581,456.53	40° 1' 57.068 N	109° 25' 23.746 W
Vertical #1431									
4,583.0	3.10	352.90	4,513.1	711.9	-211.5	625,642.33	2,581,456.28	40° 1' 57.085 N	109° 25' 23.748 W
4,615.0	3.00	351.80	4,545.0	713.6	-211.8	625,644.01	2,581,456.02	40° 1' 57.101 N	109° 25' 23.751 W
4,647.0	2.50	351.30	4,577.0	715.1	-212.0	625,645.52	2,581,455.76	40° 1' 57.116 N	109° 25' 23.754 W
4,678.0	2.00	350.90	4,608.0	716.3	-212.2	625,646.72	2,581,455.54	40° 1' 57.128 N	109° 25' 23.757 W
4,709.0	1.70	347.20	4,639.0	717.3	-212.4	625,647.70	2,581,455.33	40° 1' 57.138 N	109° 25' 23.759 W
4,741.0	1.30	337.30	4,671.0	718.1	-212.6	625,648.49	2,581,455.07	40° 1' 57.146 N	109° 25' 23.762 W
4,773.0	0.70	317.90	4,703.0	718.6	-212.9	625,648.96	2,581,454.79	40° 1' 57.150 N	109° 25' 23.766 W
4,805.0	0.40	288.90	4,735.0	718.8	-213.1	625,649.14	2,581,454.54	40° 1' 57.152 N	109° 25' 23.769 W
4,836.0	0.40	261.70	4,766.0	718.8	-213.3	625,649.15	2,581,454.33	40° 1' 57.152 N	109° 25' 23.771 W
4,928.0	0.50	280.00	4,857.9	718.8	-214.0	625,649.16	2,581,453.62	40° 1' 57.153 N	109° 25' 23.781 W
5,021.0	0.30	236.60	4,950.9	718.7	-214.6	625,649.08	2,581,453.02	40° 1' 57.152 N	109° 25' 23.788 W
5,115.0	0.30	226.00	5,044.9	718.4	-215.0	625,648.77	2,581,452.64	40° 1' 57.149 N	109° 25' 23.793 W
5,208.0	0.10	226.00	5,137.9	718.2	-215.3	625,648.54	2,581,452.42	40° 1' 57.147 N	109° 25' 23.796 W
5,302.0	0.60	48.60	5,231.9	718.5	-214.9	625,648.81	2,581,452.72	40° 1' 57.149 N	109° 25' 23.792 W
5,397.0	0.40	73.60	5,326.9	718.9	-214.3	625,649.25	2,581,453.40	40° 1' 57.154 N	109° 25' 23.783 W
5,492.0	0.40	70.80	5,421.9	719.1	-213.6	625,649.47	2,581,454.03	40° 1' 57.156 N	109° 25' 23.775 W
5,586.0	0.40	111.40	5,515.9	719.1	-213.0	625,649.47	2,581,454.64	40° 1' 57.155 N	109° 25' 23.767 W
5,678.0	0.40	116.60	5,607.9	718.8	-212.4	625,649.22	2,581,455.24	40° 1' 57.153 N	109° 25' 23.760 W
5,772.0	0.40	125.30	5,701.9	718.5	-211.9	625,648.90	2,581,455.80	40° 1' 57.150 N	109° 25' 23.753 W
5,867.0	0.40	129.90	5,796.9	718.1	-211.3	625,648.51	2,581,456.34	40° 1' 57.146 N	109° 25' 23.746 W
5,959.0	0.40	153.10	5,888.9	717.6	-210.9	625,648.02	2,581,456.74	40° 1' 57.141 N	109° 25' 23.741 W
6,053.0	0.60	352.60	5,982.9	717.8	-210.9	625,648.22	2,581,456.82	40° 1' 57.143 N	109° 25' 23.740 W
6,147.0	0.40	3.40	6,076.9	718.6	-210.9	625,649.04	2,581,456.76	40° 1' 57.151 N	109° 25' 23.740 W
6,240.0	0.70	338.60	6,169.9	719.5	-211.1	625,649.88	2,581,456.55	40° 1' 57.159 N	109° 25' 23.743 W
6,333.0	0.40	333.60	6,262.9	720.3	-211.4	625,650.70	2,581,456.18	40° 1' 57.167 N	109° 25' 23.747 W

Company: EOG Resources
Project: Uintah County Utah
Site: Chapita Well Unit 1426-1431-15D
Well: CWU #1431-15D
Wellbore: #1431
Design: #1431

Local Co-ordinate Reference: Well CWU #1431-15D
TVD Reference: True #34 @ 4859.0ft (Original Well Elev)
MD Reference: True #34 @ 4859.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
6,427.0	0.10	312.40	6,356.9	720.6	-211.7	625,651.04	2,581,455.97	40° 1' 57.171 N	109° 25' 23.750 W
6,519.0	0.20	167.40	6,448.9	720.5	-211.7	625,650.94	2,581,455.94	40° 1' 57.170 N	109° 25' 23.750 W
6,613.0	0.40	168.30	6,542.9	720.1	-211.6	625,650.46	2,581,456.06	40° 1' 57.165 N	109° 25' 23.749 W
6,706.0	0.60	166.90	6,635.9	719.3	-211.4	625,649.67	2,581,456.25	40° 1' 57.157 N	109° 25' 23.747 W
6,799.0	0.40	118.60	6,728.9	718.6	-211.0	625,649.05	2,581,456.66	40° 1' 57.151 N	109° 25' 23.742 W
6,893.0	0.50	22.40	6,822.9	718.9	-210.6	625,649.28	2,581,457.10	40° 1' 57.153 N	109° 25' 23.736 W
6,988.0	0.40	36.70	6,917.9	719.5	-210.2	625,649.94	2,581,457.44	40° 1' 57.159 N	109° 25' 23.731 W
7,081.0	0.30	68.10	7,010.9	719.9	-209.8	625,650.30	2,581,457.85	40° 1' 57.163 N	109° 25' 23.726 W
7,174.0	0.10	215.10	7,103.9	719.9	-209.6	625,650.33	2,581,458.03	40° 1' 57.163 N	109° 25' 23.724 W
7,269.0	0.70	40.60	7,198.9	720.2	-209.3	625,650.71	2,581,458.35	40° 1' 57.167 N	109° 25' 23.719 W
7,283.0	0.65	43.17	7,212.9	720.4	-209.2	625,650.83	2,581,458.46	40° 1' 57.168 N	109° 25' 23.718 W
Price River #1431									
7,362.0	0.40	69.50	7,291.9	720.8	-208.6	625,651.27	2,581,459.01	40° 1' 57.172 N	109° 25' 23.711 W
7,456.0	1.00	17.90	7,385.9	721.7	-208.0	625,652.18	2,581,459.55	40° 1' 57.181 N	109° 25' 23.703 W
7,552.0	1.00	17.70	7,481.9	723.3	-207.5	625,653.78	2,581,460.03	40° 1' 57.197 N	109° 25' 23.697 W
7,644.0	0.90	30.00	7,573.9	724.7	-206.9	625,655.19	2,581,460.60	40° 1' 57.211 N	109° 25' 23.689 W
7,738.0	0.80	47.30	7,667.8	725.8	-206.1	625,656.29	2,581,461.43	40° 1' 57.221 N	109° 25' 23.678 W
7,833.0	0.80	74.70	7,762.8	726.4	-204.9	625,656.94	2,581,462.54	40° 1' 57.227 N	109° 25' 23.664 W
7,927.0	0.80	96.70	7,856.8	726.5	-203.7	625,657.07	2,581,463.82	40° 1' 57.228 N	109° 25' 23.647 W
8,021.0	1.10	109.80	7,950.8	726.1	-202.2	625,656.72	2,581,465.33	40° 1' 57.225 N	109° 25' 23.628 W
8,116.0	0.60	80.00	8,045.8	725.9	-200.8	625,656.53	2,581,466.68	40° 1' 57.222 N	109° 25' 23.611 W
8,210.0	0.60	107.60	8,139.8	725.8	-199.9	625,656.49	2,581,467.64	40° 1' 57.222 N	109° 25' 23.598 W
8,306.0	0.70	111.20	8,235.8	725.4	-198.8	625,656.15	2,581,468.67	40° 1' 57.218 N	109° 25' 23.585 W
8,398.0	0.40	131.00	8,327.8	725.0	-198.1	625,655.75	2,581,469.45	40° 1' 57.214 N	109° 25' 23.575 W
8,492.0	0.60	140.40	8,421.8	724.4	-197.5	625,655.17	2,581,470.02	40° 1' 57.208 N	109° 25' 23.568 W
8,586.0	0.80	126.00	8,515.8	723.7	-196.7	625,654.43	2,581,470.89	40° 1' 57.201 N	109° 25' 23.557 W
8,679.0	1.00	122.60	8,608.8	722.9	-195.4	625,653.64	2,581,472.11	40° 1' 57.193 N	109° 25' 23.542 W
8,773.0	0.90	124.50	8,702.8	722.0	-194.1	625,652.81	2,581,473.43	40° 1' 57.184 N	109° 25' 23.525 W
8,867.0	1.00	123.40	8,796.7	721.1	-192.9	625,651.97	2,581,474.74	40° 1' 57.176 N	109° 25' 23.508 W
8,960.0	0.90	115.10	8,889.7	720.4	-191.5	625,651.24	2,581,476.10	40° 1' 57.168 N	109° 25' 23.491 W
9,053.0	1.20	109.50	8,982.7	719.7	-189.9	625,650.64	2,581,477.69	40° 1' 57.162 N	109° 25' 23.471 W
9,147.0	1.20	116.40	9,076.7	719.0	-188.1	625,649.92	2,581,479.52	40° 1' 57.154 N	109° 25' 23.448 W
9,241.0	1.10	114.90	9,170.7	718.2	-186.4	625,649.14	2,581,481.24	40° 1' 57.146 N	109° 25' 23.426 W
9,335.0	1.00	129.20	9,264.7	717.3	-185.0	625,648.28	2,581,482.71	40° 1' 57.137 N	109° 25' 23.407 W
9,430.0	1.50	154.80	9,359.6	715.6	-183.8	625,646.66	2,581,483.92	40° 1' 57.121 N	109° 25' 23.392 W
9,524.0	1.60	166.60	9,453.6	713.2	-183.0	625,644.29	2,581,484.81	40° 1' 57.097 N	109° 25' 23.381 W
9,600.0	1.80	166.50	9,529.6	711.0	-182.5	625,642.11	2,581,485.38	40° 1' 57.076 N	109° 25' 23.374 W
PBHL #1431									
9,716.0	1.80	166.50	9,645.5	707.5	-181.6	625,638.58	2,581,486.32	40° 1' 57.041 N	109° 25' 23.364 W

Projection to TD



Survey Report - Geographic



Company: EOG Resources
Project: Uintah County Utah
Site: Chapita Well Unit 1426-1431-15D
Well: CWU #1431-15D
Wellbore: #1431
Design: #1431

Local Co-ordinate Reference: Well CWU #1431-15D
TVD Reference: True #34 @ 4859.0ft (Original Well Elev)
MD Reference: True #34 @ 4859.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Vertical #1431 - survey misses target center by 16.5ft at 4552.0ft MD (4482.1 TVD, 710.2 N, -211.3 E) - Point	0.00	0.00	4,483.0	694.6	-206.1	625,625.16	2,581,462.13	40° 1' 56.914 N	109° 25' 23.678 W
PBHL #1431 - survey misses target center by 53.8ft at 9600.0ft MD (9529.6 TVD, 711.0 N, -182.5 E) - Point	0.00	0.00	9,575.0	694.6	-206.1	625,625.16	2,581,462.13	40° 1' 56.914 N	109° 25' 23.678 W
Price River #1431 - survey misses target center by 25.9ft at 7282.9ft MD (7212.8 TVD, 720.4 N, -209.2 E) - Circle (radius 50.0)	0.00	0.00	7,213.0	694.6	-206.1	625,625.16	2,581,462.13	40° 1' 56.914 N	109° 25' 23.678 W

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
9,716.0	9,645.5	707.5	-181.6	Projection to TD

Checked By: _____ Approved By: _____ Date: _____